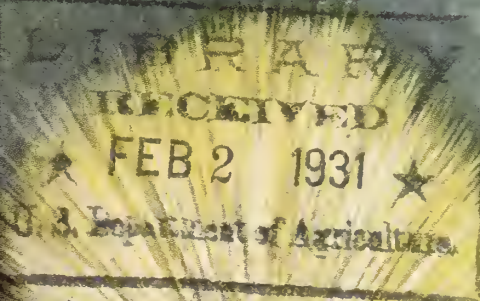


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

OLDS' CATALOG

TELLS THE TRUTH



1931
44th Year



COLD
RESISTANT

MURDOCK

SILVER KING

GOLDEN
GLOW

FIELD & GARDEN SEEDS

SEEDS • BULBS • PLANTS • TOOLS
SEED POTATOES • FERTILIZERS
INSECTICIDES • POULTRY SUPPLIES

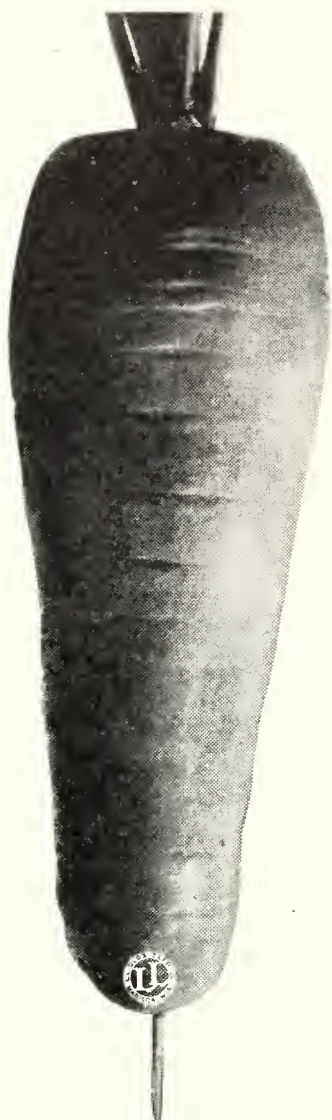
L.L. OLDS SEED CO.

MADISON, WISCONSIN

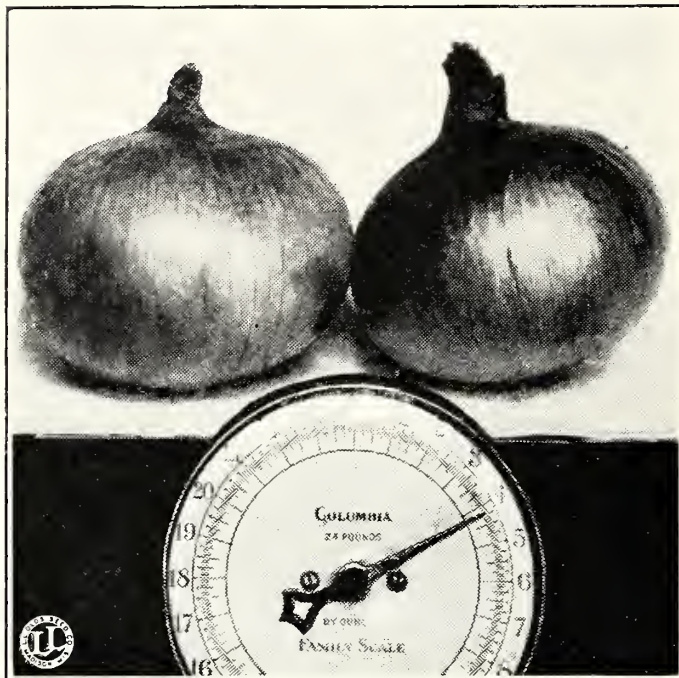


WISCONSIN
BARLESS BARLEY

OLDS' NEW VEGETABLE SPECIALTIES



Olds' Red Cored Chantenay Carrot.

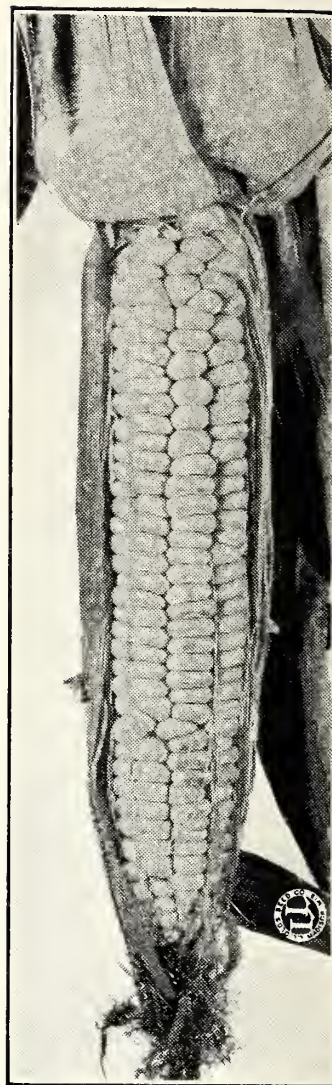


Olds' Sweet Spanish Onion.

304. Onion—OLDS' SWEET SPANISH (MOUNTAIN STRAIN)

Our stock of Olds' Sweet Spanish is grown for us in the mountains of Colorado where the season is short, making the seed well adapted for planting in the north.

Olds' Sweet Spanish (Mountain Strain) is an extremely large, mild and sweet globular-shaped onion and very handsome. The flesh is clear, white and tender. Under favorable conditions these onions will weigh over 2 pounds each and when placed on the market will outsell the other varieties at much higher prices. Pkt., 10c; oz., 30c; 1/4 lb., 80c; lb., \$3.00, postpaid.

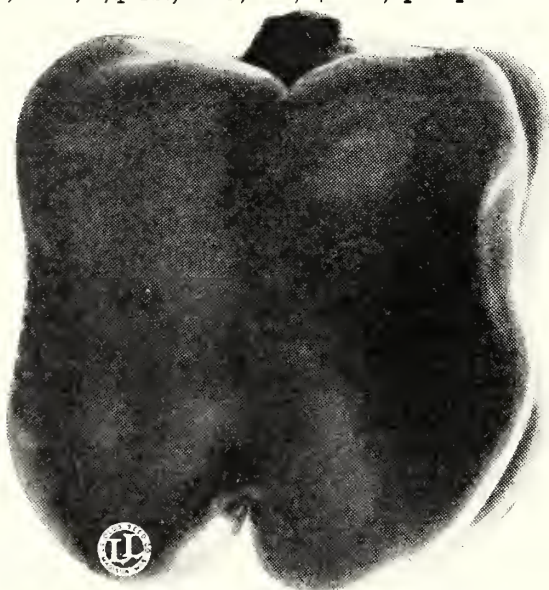


Olds' Golden Gem Sweet Corn.

107. Carrot—OLDS' RED CORED CHANTENAY

This strain of Chantenay produces very smooth roots of even shape and size and free from eyes on the roots. The color is a rich orange, the core practically the same color.

The carrots measure about 5 1/2 to 6 inches in length, evenly stump rooted, with very small tail roots. Pkt., 15c; oz., 25c; 1/4 lb., 65c; lb., \$2.25, postpaid.



Olds' California Wonder Pepper.

357. Pepper—OLDS' CALIFORNIA WONDER

A very mild, sweet, mid-season variety. The peppers are very large, measuring 4 1/2 inches in length by 3 to 4 inches in diameter.

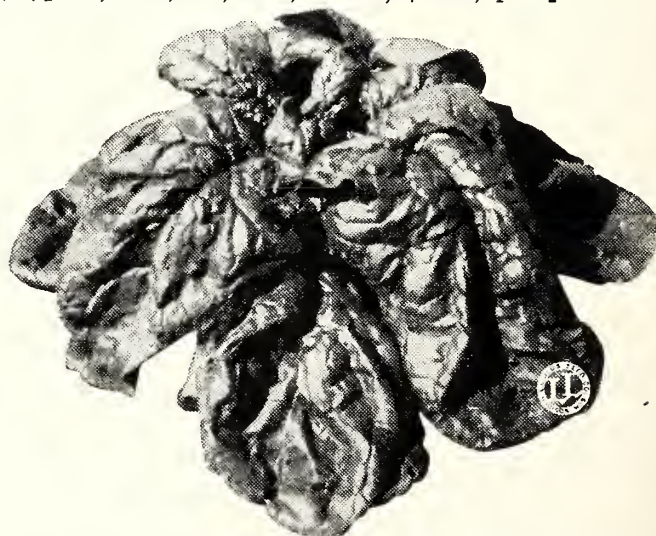
The above specimen was taken from a plant which contained 7 peppers, weighing over one-half pound each. The fruit ripens very uniformly and has a deep crimson color when ripe. It closely resembles the Chinese Giant in form but the flesh is extremely thick, which quality the Chinese Giant lacks. Pkt., 20c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$3.25, postpaid.

144. Sweet Corn—OLDS' GOLDEN GEM



A new, extra early yellow sweet corn originated by Dr. Yeager of the North Dakota Experiment Station.

Golden Gem is one of the sweetest varieties of corn we have yet tasted, and is even earlier than the new Sunshine which Dr. Yeager also originated. The ears of the Golden Gem are rather small, averaging 5 to 6 inches in length, 8 rows to the ear. We predict that because of its extreme earliness and wonderful eating qualities Golden Gem will become the most popular variety in the north. Due to the scarcity of the seed we can accept orders for not more than 2 pounds from a customer. Large pkt., 15c; 1/2 lb., 35c; lb., 60c; 2 lbs., \$1.00, postpaid.



New Long Standing Gaudry Spinach.

404. Spinach—NEW LONG STANDING GAUDRY



Where a fairly smooth leaf spinach is desired we consider this variety far superior to any other offered. It is as fast a grower as any of the early smooth varieties and at the same time has the long-standing qualities. The leaves are large, broad and thick. Pkt., 10c; oz., 15c; 1/4 lb., 25c; lb., 60c; 5 lbs., \$2.25.

TO OUR FRIENDS AND CUSTOMERS

Madison, Wis., Jan. 1, 1931.



We thank you for your patronage during the past year, for your continued confidence in us and for the many letters of appreciation and satisfaction you have sent us from time to time.

This is our 44th Annual Catalog. Our business was established by the writer on a farm at Clinton, Wis., in 1888, the business for the first few years being confined to the growing and selling of seed potatoes. This catalog indicates something of the growth of the business from that small beginning.

Olds' Seeds Known For Reliability. Our constant aim is to be able to offer the very best seeds obtainable, the highest in purity and germination and also those best adapted to the needs of our customers, the ones that will give the most satisfactory results. We feel that we have built up an enviable reputation.

Integrity of Seedsmen. We doubt whether any other business is built up and maintained on character and confidence to the extent that the seed business is. Nor is the purchaser so dependent on the knowledge and integrity of the seller in any other business. It is impossible for any one to tell by looking at seed whether it will grow or not or whether it will produce the kind of crop desired. Buying seed then, is largely a matter of confidence. We are gratified to know that our customers realize this and that they depend upon us.

Our Financial Responsibility. Dun and Bradstreet give us splendid ratings with the highest grade of credit. Ask your banker as to our responsibility or better yet ask your neighbors who have bought our seeds if they are satisfied.

We respectfully solicit your orders for 1931, assuring you that we will do our very best to merit your confidence in us and in our seeds.

Yours very truly,

L. L. OLDS SEED COMPANY.

L. L. OLDS, President and General Manager.

INSTRUCTIONS FOR ORDERING.

PLEASE USE ORDER SHEET found in the catalog and retain a copy of your order. If you have occasion later on to write us about it give post office address under which it was mailed or number of the order.

WE ACKNOWLEDGE ORDERS when received unless some part is to be sent at once. If any part of the order is mailed right out that answers as an acknowledgment or if goods can be sent at once by freight or express we get them right out, sending acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

WE SEND LARGE SHIPMENTS BY FREIGHT unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, C. & N. W., C. M. St. P. & P., and I. C.

CUSTOMERS PAY TRANSPORTATION CHARGES UNLESS OFFERED POSTPAID. Garden seed prices in small quantities are postpaid prices, but prices on field seeds and side lines do not include postage unless so stated.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

OUR THREEFOLD GUARANTEE.

1. **QUALITY.** We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop. Goods may be returned if not satisfactory.

2. **SAFE ARRIVAL.** We guarantee everything to arrive in good order. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also. Therefore do not lose the bill of lading.

3. **CAREFUL ATTENTION.** We guarantee to give prompt and careful attention to every letter that comes to our office, not only letters containing orders but also letters of inquiry. All remittances are promptly acknowledged in some form and all questions courteously answered and as a rule this is done the day the letter is received.

PRICE CHANGES.

We reserve the right to change the prices of Field Seeds after February 15th. Beginning with that date we issue Weekly Price Lists of Field Seeds giving the prices in effect each week. These price lists are furnished on application. The prices on Garden Seeds and Side Lines, with just a few exceptions, will remain throughout the season.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1931.

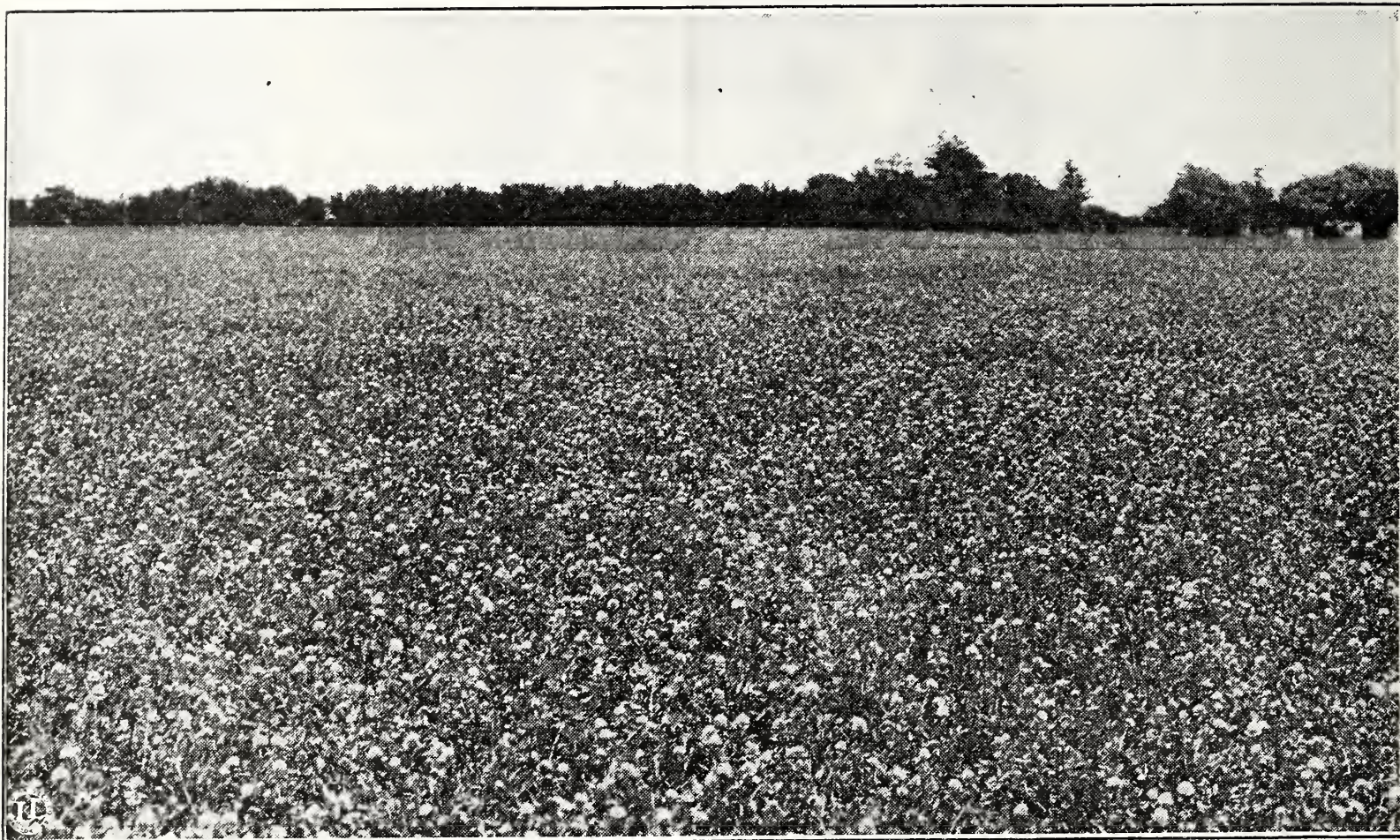
Per 100 Lbs., Less than Car Lots, to Points Named Below.

(Clovers, Grass Seeds and Garden Seeds go as third class; Grain, Corn, Poultry Food and Potatoes, fourth class.)

(Potatoes are changed in classification everywhere from third class to fourth class. This will help materially.)


	3rd.	4th		3rd.	4th		3rd.	4th
Antigo, Wis.....	\$0.48½	\$0.36	Aurora, Ill.....	.40	.30	Fargo, N. D.....	1.16	.91
Ashland, Wis.....	.62½	.38½	Bloomington, Ill....	.49	.36½	Grand Forks, N. D..	1.29	1.01
Baraboo, Wis.....	.22	.16	Champaign, Ill....	.53	.39½	Fremont, Neb.....	.92½	.67½
Beloit, Wis.....	.24	.17½	Chicago, Ill.....	.40	.30	Hastings, Neb.....	1.27½	.95
Clinton Jc, Wis....	.25	.19	Decatur, Ill.....	.52	.39	Lincoln, Neb.....	.92½	.67½
Dodgeville, Wis....	.24	.17½	Elgin, Ill.....	.38	.28½	Omaha, Neb.....	.84	.60
Eau Claire Wis....	.45	.34	Freeport, Ill.....	.32	.24	Kansas City, Mo....	.84	.60
Evansville, Wis....	.19½	.15	Galesburg, Ill....	.47½	.35½	St. Joseph, Mo....	.84	.60
Fond du Lac, Wis..	.31	.23	Joliet, Ill.....	.42½	.32	St. Louis, Mo.....	.59½	.44½
Green Bay, Wis....	.41½	.31	La Salle, Ill.....	.42½	.32	Springfield, Mo....	1.14	.90
Janessville, Wis....	.22	.16	Peoria, Ill.....	.48½	.36½	Fort Wayne, Ind....	.72½	.53½
Jefferson, Wis....	.22	.16	Rockford, Ill....	.33½	.25	Indianapolis, Ind...	.76	.56½
La Crosse, Wis....	.38	.28½	Rock Island, Ill...	.42½	.32	South Bend, Ind....	.66	.49
Lodi, Wis.....	.18½	.15	Springfield, Ill....	.53	.39½	Terre Haute, Ind...	.75½	.56½
Mauston, Wis.....	.28½	.21	Woodstock, Ill....	.34	.25½	Cleveland, Ohio....	.85	.63
Mazomanie, Wis...	.19½	.15	Cedar Rapids, Ia...	.47½	.35	Columbus, Ohio....	.84½	.62½
Middleton, Wis....	.17½	.15	Clinton, Ia.....	.39	.29½	Dayton, Ohio.....	.82	.60
Millwaukee, Wis...	.30½	.22½	Davenport, Ia....	.42½	.32	Toledo, Ohio.....	.80½	.59½
Monroe, Wis.....	.27½	.20½	Des Moines, Ia....	.55	.41½	Detroit, Mich.....	.80½	.60½
Mt. Horeb, Wis....	.19½	.15	Dubuque, Ia.....	.41	.31	Grand Rapids, Mich.	.74½	.54
Platteville, Wis...	.31	.23	Sioux City, Ia....	.84	.60	Kalamazoo, Mich...	.72½	.53½
Portage, Wis.....	.22	.16	Waterloo, Ia....	.52	.38½	Saginaw, Mich....	.81½	.59½
Reedsburg, Wis....	.25	.19	Faribault, Minn...	.68½	.49	Marquette, Mich...	.61	.43
Sparta, Wis.....	.34	.25½	St. Cloud, Minn...	.85½	.59½	Atchison, Kans....	.84	.60
Stoughton, Wis....	.17½	.15	St. Paul, Minn....	.68½	.49	Topeka, Kans.....	1.16	.91
Sun Prairie, Wis...	.17½	.15	Winona, Minn....	.50½	.37½	Wichita, Kans.....	1.32	1.04
Watertown, Wis...	.22	.16	Mitchell, S. D....	.97	.69	Little Rock, Ark....	1.36	1.07
Waukesha, Wis....	.26½	.20½	Sioux Falls, S. D...	.90½	.64½	Muskogee, Okla....	1.41	1.11
						Dallas, Texas.....	1.72	1.35
						Denver, Colo.....	1.67	1.29½
						Cheyenne, Wyo.....	1.67	1.29½
						Billings, Mont.....	2.54	2.04
						Miles City, Mont...	2.32½	1.77
						Seattle, Wash.....	3.67½	3.11
						Spokane, Wash....	3.13½	2.63
						Portland, Ore.....	3.67½	3.11
						Salt Lake City, Utah	2.77	2.23
						Los Angeles, Cal...	3.67½	3.11
						San Francisco, Cal..	3.67½	3.11
						New Orleans, La....	1.57	1.23
						Phoenix, Ariz.....	3.13½	2.63
						Albany, N. Y.....	1.13½	.79
						Buffalo, N. Y.....	.92	.68
						New York, N. Y....	1.18	.82½
						Harrisburg, Pa....	1.15	.79½
						Philadelphia, Pa....	1.16	.80½
						Pittsburgh, Pa....	.93	.69
						Hartford, Conn....	1.23	.86½
						Bangor, Me.....	1.23	.86½
						Concord, N. H....	1.23	.86½
						Trenton, N. J.....	1.18	.82½
						Burlington, Vt....	1.23	.86½
						Boston, Mass.....	1.23	.86½
						Baltimore, Md.....	1.15	.79½
						Richmond, Va.....	1.15	.79½
						Wheeling, W. Va...	.93	.69

OLDS' CLOVER SEED.



A Field of Pure Medium Red Clover, Nothing Else.

OLDS' WISCONSIN CLOVER SEED

 Southern Wisconsin, the part of the state of which Madison is the geographical center, certainly triumphs in Clover Seed this year with the 1930 crop. Other big clover states like Ohio, Indiana and Michigan had very little seed the past season and there was only a light crop in Minnesota and Iowa and not much in Illinois except in the extreme northern part of the state, while here in our section of Wisconsin we harvested a big crop of absolutely the cleanest, brightest, plumpest, most uniform red clover seed we have ever handled. Yields went as high as 5 or 6 bushels per acre, some even higher. We bought liberally of this beautiful seed. Now we are getting it cleaned up and tested and ready for the orders. This is not only fine looking seed but "No state in America grows a hardier strain of clover seed than Wisconsin." This we quote from Wis. College of Agr. Bulletin No. 175. We claim therefore that we have the best Clover Seed this year to be found anywhere in the world and the most desirable seed for sowing in most any section.

TESTED SEED. Do not sow seed grown by your neighbor that has not been cleaned and officially tested. It is against the law in Wisconsin for him to sell it to a consumer without having it tested anyway and furthermore that is just the way you introduce bad weeds to your farm. Make sure all the seed you sow is thoroughly cleaned and that it shows a high test for both purity and germination with no noxious weeds. Many of our best dealer customers throughout the state ship us the clover that they buy of the farmers in their localities and then buy back again from us recleaned, tested seed that they are sure of. Buy Olds' Clover Seed and play safe.

THE OUTLOOK AS TO PRICES. The present price of Clover Seed is higher than last year it is true, by about \$3.00 to \$4.00 per 100 lbs. The price last year was the lowest in 13 years. But the price now is still below normal and \$8.00 to \$10.00 per 100 lbs. lower than two years ago. Our judgment is that the price at sowing time the coming spring will be considerably higher than at present. The clover crop the country over is short, way short and every pound of American grown seed will be wanted. We certainly hope none of our customers will sow French seed. It is cheaper but not adapted to our conditions. Buy your seed early if you would save money.

PRICES OF MEDIUM RED CLOVER

Old Gold Brand—By mail: Lb., 45c. By freight: Lb., 40c; ½ pk., \$2.30; pk., \$4.50; bu. (60 lbs.), \$17.20; 100 lbs., \$28.50; 500 lbs. at \$28.00. Bags extra at 30c.
Lakes Brand: Pk., \$4.35; bu., \$16.60; 100 lbs., \$27.50; 500 lbs. at \$27.00. Bags extra.
(Our Old Gold Brand represents the best and tests around 99 per cent in purity, some 99.5, no bad weeds.)

MAMMOTH CLOVER.

Resembles Medium but larger. Best for pasture and fertilizer. Our seed is just as fancy as the Medium.
Prices, Old Gold Brand—By mail: Lb., 45c. By freight: Lb., 40c; ½ pk., \$2.35; pk., \$4.60; bu., \$17.50; 100 lbs., \$29.00; 500 lbs. at \$28.50. Bags extra.
Lakes Brand: Pk., \$4.45; bu., \$16.90; 100 lbs., \$28.00; 500 lbs., at \$27.50. Bags extra.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Goes much farther than Red Clover in seeding and the price is much lower. Present price is only about \$1.50 per 100 pounds more than last year and is about \$13.00 lower than two years ago. Our best seed this year is Minnesota grown.

Prices, by mail—Old Gold Brand: Lb., 40c. By freight: Lb., 35c; ½ pk., \$2.10; pk., \$4.00; bu. (60 lbs.), \$15.40; 100 lbs., \$25.50; 500 lbs. at \$25.00. Bags extra at 30c.
Lakes Brand. Contains 3 to 8 per cent White Dutch Clover and Timothy. Excellent for pasture. Pk., \$3.70; bu., \$14.20; 100 lbs., \$23.50; 500 lbs. at \$23.00.
River Brand. 10 to 15 per cent White Dutch and Timothy. Pk., \$3.35; bu., \$13.00; 100 lbs., \$21.50.

WHITE DUTCH CLOVER. Very fine for lawns. Prices higher than usual account of short crop.
Prices, by mail—Old Gold Brand: Lb., 60c; 3 lbs., \$1.65. By freight: Lb., 55c; ½ pk., \$3.60; pk., \$7.00; bu. (60 lbs.), \$27.10; 100 lbs., \$45.00.
Lakes Brand: Pk., \$6.25; bu., \$24.10; 100 lbs., \$40.00.

Note: Prices named here are good until Feb. 15th only. After that ask for our "Weekly Price List."

SWEET CLOVER.

"THE NEVER FAILING PASTURE CROP"

(Wis. Agl. Ex. Station.)

REASONS FOR SWEET CLOVER'S VALUE:

First—A Great Pasture Crop. Leading Wisconsin farmers are very enthusiastic now over sweet clover as a pasture crop.

This past summer when the ordinary blue grass pastures were all dried up sweet clover kept right on growing and furnished wonderful pasture right through the drouth period.

"Cows on Sweet Clover produce a splendid flow of milk."—Wisconsin Bulletin No. 178.

It makes more feed per acre than the common permanent pastures.

Second—Easily Grown. It grows readily on most all soils and good stands can often be secured where red clover and alfalfa fail entirely.

Third—Prepares for Alfalfa. It has the same sort of bacteria laden nodules as alfalfa and inoculates for that crop.

Fourth—Wonderful Soil Builder. "Sweet Clover is an excellent crop for building up worn-out soils."—Wisconsin Bulletin No. 178. It grows faster than red clover or alfalfa and larger and the roots penetrate deeper into the soil.

Fifth—Great Drouth Resister. Owing to its long root system it produces a most abundant and succulent growth during the dry season. It will generally pasture a thousand-pound cow or steer an acre from four to six months.

CULTURE. Sweet Clover is best sown in the spring with one bushel of extra early oats or barley per acre as nurse crop. Sweet Clover can also be sown successfully in June or July without a nurse crop or in corn at the last cultivation. A hand seeder like the "Cyclone," offered on page 89, can be used to good advantage where the seed is sown alone. Fifteen Pounds of Seed per Acre is usually sufficient, a little less for Grundy County as the seed is smaller. Inoculate the seed before sowing with Nitragin. See page 5. Use lime if your soil is sour. Be sure to have a good seed bed. Most any well-drained soil is all right for Sweet Clover and you will be pleased with the crop if you do your part in putting it in and handling it right. Ask for Wisconsin Bulletin No. 178. "Sweet Clover and the Summer Feed Supply."

COMMON WHITE BLOSSOM SWEET CLOVER.

The best probably for pasture and for soil building and the most largely sown for all purposes.

Prices—Old Gold Brand—By mail: Lb., 30c. By freight: Lb., 25c; ½ pk., 95c; pk., \$1.75; bu. (60 lbs.), \$6.40; 100 lbs., \$10.50; 500 lbs. at \$10.25. Bags extra.

Lakes Brand: Pk., \$1.65; bu., \$6.10; 100 lbs., \$10.00; 500 lbs. or over at \$9.75. Bags extra.

(Our "Old Gold Brand" is our best grade and shows high tests. It is North Dakota grown. Our Sweet Clover is all hulled and scarified. We never send out unhulled seed.)

GRUNDY COUNTY WHITE BLOSSOM.

This is the famous dwarf strain of Sweet Clover originated in Grundy County, Illinois. It is much better for hay than the Common White Blossom because it is finer and more leafy, also because more easily handled on account of its dwarf growth.

We have a splendid large stock of Grundy County seed and prices this year are lower than for the Common. Goes further because the seed is smaller.

Prices—Old Gold Brand—By mail: Lb., 30c. By freight: Lb., 25c; ½ pk., 90c; pk., \$1.70; bu., \$6.25; 100 lbs., \$10.25; 500 lbs. at \$10.00. Bags extra at 30c.

Lakes Brand: Pk., \$1.60; bu., \$5.95; 100 lbs., \$9.75.

YELLOW BLOSSOM SWEET CLOVER.

This is the large strain of Yellow Sweet Clover, biennial the same as the Common White. Some say it is better for pasture than the White because it stays green longer.

Prices—Old Gold Brand: ½ pk., 95c; pk., \$1.80; bu., \$6.70; 100 lbs., \$11.00; 500 lbs. at \$10.75.

ALBOTREA YELLOW BLOSSOM.

Alborea is a new strain of Dwarf Yellow Blossom Sweet Clover originated in Canada. Alborea has been grown several seasons on the Wisconsin Experiment Station Farm and they think very highly of it there. They say it is much to be preferred to the regular Biennial White Blossom and they like it better than Grundy County as it gives higher yields, both of hay and seed.

Prices—By mail: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; ½ pk., \$1.15; pk., \$2.15; bu., \$7.90; 100 lbs., \$13.00.

HUBAM. (The Annual Sweet Clover.)

Produces a full crop of both hay and seed all in one year. Very desirable for a honey crop because it continues to blossom all summer long.

Prices—By mail: Lb., 45c. By freight: Lb., 40c; ½ pk., \$1.90; pk., \$3.50; bu., \$13.30; 100 lbs., \$22.00.



Sweet Clover Provides Grazing During Dry Periods
(From Wisconsin Bulletin No. 178)



Field of Alborea Sweet Clover on Krueger Farms, Dodge County, Wisconsin.

SOILTEX.

TEST FOR ACID SOIL.

Soiltex is a new, quick, easy and accurate soil testing method, whereby you can determine exactly in a few minutes whether or not your soil is acid and how much lime it needs.

Many farms fail to grow alfalfa and sweet clover successfully, and other crops as well, because needing lime.

Each outfit will make 75 to 100 tests. Full directions, color chart and lime table included. No special knowledge required. Costs less than 2 cents per sample tested.

Price, \$1.00 postpaid.



NOTE: Sweet Clover prices are good until Feb. 15th only. Ask for "Weekly Price List" after that date. Samples free. Ask us for Wisconsin Bulletin No. 416, "Success With Sandy Soils."



Splendid Alfalfa Field on Farm of Swartz Bros., Waukesha County, Wisconsin. This Should be Duplicated on Every Farm.

OLDS' FANCY ALFALFA SEED



We make a specialty of **Fancy, High-grade Alfalfa Seed**, handling many carloads every year. We secure the best seed obtainable, the purest and hardiest. Our seed can be fully relied on.

VERIFIED ORIGIN and STATE CERTIFIED. All the Common alfalfa seed we send out this year will be either "Verified Origin Seed," or "State Sealed and Certified," and all the Grimm alfalfa seed we send out will be "State Sealed and Certified." "Verified Origin" means that a U. S. Government tag will appear on every bag verifying the statement as to the locality where the seed was grown.

EXTRA HARDY WISCONSIN ALFALFA

For the first time in the history of alfalfa growing in Wisconsin the state produced this past season a considerable quantity of **Genuine Wisconsin Grown Alfalfa Seed**. Most of this seed comes from the Northeastern counties of the state and it is nearly all, perhaps all, from Grimm Seed. It cannot be sold as Grimm however as no provision has been made and no machinery set up in Wisconsin for certifying it as Grimm and no seed can be sold as Grimm seed in Wisconsin unless state certified. This Wisconsin Grown Alfalfa Seed however is mighty desirable as it is hardy, probably the hardiest of any alfalfa seed, not even excepting Certified Grimm, and is perfectly adapted to our conditions. We consider ourselves fortunate in being able to offer it. This seed is all "State Verified Origin."

Prices—By mail: Lb., 45c; by freight: Lb., 40c; ½ pk., \$2.50; pk., \$4.85; bu., (60 lbs.) \$18.70; 100 lbs., \$31.00; 500 lbs. at \$30.50. Bags extra, 60s at 15c, 150s at 30c.

HARDY DAKOTA ALFALFA No. 12

Hardy Dakota is a leader with us in Common alfalfa. We again have a large stock of beautiful pure seed, all **U. S. Verified Origin Seed**, from the Black Hills region of western South Dakota. The unusual hardiness of our Black Hills Dakota No. 12 seed is no doubt largely due to the fact that the seed contains a lot of Grimm seed. Most of the farmers growing this seed had Grimm seed in the early days but kept no records; so it cannot be sold as Grimm.

Prices—By mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; ½ pk., \$2.40; pk., \$4.65; bu. \$17.80; 100 lbs., \$29.50; 500 lbs. or over at \$29.00 per 100 lbs. Bags extra, 60s at 15c, 150s at 30c.

HARDY MONTANA ALFALFA

Montana Alfalfa has for some years had the reputation of being about the hardiest of all common alfalfa. Montana had a splendid crop of alfalfa seed the past season. In fact it showed up as about the best state, both in quantity and quality. Our stock is all in 60s and is all "State Sealed and Certified."

Prices—By mail: Lb., 45c. By freight: Lb., 40c; ½ pk., \$2.35; pk., \$4.50; bu. \$17.20; 100 lbs., \$28.50; 500 lbs. at \$28.00. Bags extra, 60s at 15c.

FANCY IDAHO ALFALFA

Idaho Grown Alfalfa Seed is proving hardy in the North and it is almost as desirable as Dakota and Montana seed. The Idaho crop was good the past season. Our stock is bright, high testing seed, all "Verified Origin."

Prices—By freight: Lb., 40c; ½ pk., \$2.25; pk., \$4.40; bu., \$16.90; 100 lbs., \$28.00; 500 lbs. at \$27.50. Bags extra at 30c.

FANCY UTAH ALFALFA

Utah is the big alfalfa seed producing state; but the crop was very small the past season, only about 42,000 bushels, as against a 5-year average of 286,000 bushels. All the seed we offer is "Verified Origin" seed.

Prices—By freight: ½ pk., \$2.20; pk., \$4.25; bu., \$16.30; 100 lbs., \$27.00; 500 lbs. at \$26.50. Bags extra.

Note.—All alfalfa prices are subject to change after Feb. 15th. Write for "Weekly Price List" after that date.



Field of Grimm Alfalfa in Wisconsin. Farm of Swartz Bros.

GRIMM, THE EXTRA HARDY ALFALFA

Grimm Alfalfa is well known as the standard in the list of hardiest strains of alfalfa. The seed costs more, but it pays to use it to insure against winter killing when the unfavorable season comes.

The prices of Grimm this year are very much lower than usual, the lowest probably that they have ever been; certainly the lowest in the last seven years. The crop of Grimm the past season was good and this is reflected in the price.

BLACKFOOT GRIMM.



The Blackfoot Brand of Grimm Alfalfa is a specially choice strain of Grimm grown by an association of Idaho farmers who have absolutely genuine seed and who have all their fields inspected and the seed certified and state sealed. These growers can all positively trace the origin of their seed back to the original Grimm stock of Carver County, Minnesota.

We are glad to be able to offer this year "Blue Tag," or the highest grade of Blackfoot Grimm. This grade must show a test of 99.5 per cent purity with no trace of sweet clover and of course be absolutely free of dodder and all other noxious weeds. The "Red Tag," or next best grade, of which we have a larger stock than of the "Blue Tag," shows a purity of not less than 99 per cent and is also free of noxious weeds but may contain a slight trace of sweet clover. Prices: "Blue Tag"—By mail: Lb., 55c. By freight: Lb., 50c; ½ pk., \$3.25; pk., \$6.25; bu., \$24.10; 100 lbs., \$40.00; 500 lbs. at \$39.50. Sacks free.

"Red Tag": ½ pk., \$3.00; pk., \$5.70; bu., \$22.00; 100 lbs., \$36.50; 500 lbs. at \$36.00.

DAKOTA STATE CERTIFIED GRIMM.

We have Dakota grown Grimm, State Certified and Sealed, in 60-pound sacks, both "Blue Tag" and "Red Tag." This seed is just as high in purity as the Blackfoot Grimm.

Prices, "Blue Tag"—By mail: Lb., 55c. By freight: Lb., 50c; ½ pk., \$3.10; pk., \$6.10; bu., \$23.50; 100 lbs., \$39.00; 500 lbs. at \$38.50. Sacks free.

"Red Tag": ½ pk., \$3.00; pk., \$5.85; bu., \$21.70; 100 lbs., \$36.00; 500 lbs. at \$35.50. Sacks free.

MONTANA STATE CERTIFIED GRIMM.

We offer also "Blue Tag," and "Red Tag" Montana State Certified Grimm. This seed is also very fine, beautiful seed and absolutely dependable.

Prices: Same as for Dakota "Blue Tag" and "Red Tag."

IDAHO STATE CERTIFIED GRIMM.

We have "Red Tag" Idaho Grimm, State Certified and Sealed in 60s, the same as the Dakota and Montana.

Prices same as for Dakota "Red Tag" Grimm.

NOTE.—Prices named here are good until February 15th only. Ask for "Weekly Price List" after that date.

BEWARE OF GRIMM NOT STATE CERTIFIED.

There is a lot of so-called Grimm on the market usually called "Affidavit Grimm" and it may have a U. S. Government tag on it but that does not prove it is Grimm as the Government simply verifies as to the origin or state where grown, nothing more.

INOCULATE WITH NITRAGIN BEFORE SOWING. The state authorities at Madison recommend emphatically inoculating all seed before sowing if Alfalfa has not previously been grown in that particular field. We believe Nitrabin is the best and most reliable inoculation.

ALFALFA SUPERIOR TO CLOVER. "Because of its great yields and drought resistance alfalfa is superior, where it can be successfully grown, to either red or alsike clover." "The average yields of alfalfa hay in Wisconsin are nearly a ton more per acre than those of clover." Extracts from Bulletin No. 374, "Wisconsin's Opportunity with Alfalfa." (We will be glad to mail you a copy of this bulletin free.)

Inoculate

ALL LEGUMES

Alfalfa, All Clovers, Soy Beans, Cow Peas, Vetch, Peas, Beans, Peanuts with

All Legume Germs Are Perishable

To Protect You NITRAGIN Cans Stamped With Expiration Date



Legume Germs Die Rapidly When Dried

Authorities Recommend Inoculating With Water

THE ORIGINAL LEGUME INOCULATOR

Guaranteed Fresh Each Year—Leads in High Germ Count

For profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. NITRAGIN inoculated legumes draw their nitrogen from the air—not the soil—with billions of fresh, efficient nitrogen-gathering germs. It's fresh each year—it's DATED, and leads in High Legume Germ Count. Quality inoculation is the cheapest legume crop insurance known.

NITRAGIN PRICES

Alfalfa, All Clovers		Peas, Vetch, Beans, Austrian Winter Peas		Soy Beans and Cow Peas	
Size	Price	Size	Price	Size	Price
¼ bu.....	\$.40	¼ bu.....	\$.40	1 bu.....	\$.40
½ bu.....	.60	½ bu.....	.60	2 bu.....	.70
1 bu.....	1.00	1 bu.....	.60	5 bu.....	1.50
5 bu.....	4.75	*1½ bu....	.90	10 bu.....	2.50
		3½ bu....	1.80		
		5 bu.....	2.50		
		*Also called "100 lb. size."			

When ordering always specify kind of seed

When ordering always specify kind of seed

Garden Nitrabin—Garden Size—Peas, Beans, Sweet Peas

Inoculates from 1 ounce to 8 lbs. seed. Price \$.25

IMPORTANT: When ordering NITRAGIN, always be sure to state kind of legume seed you wish to inoculate.

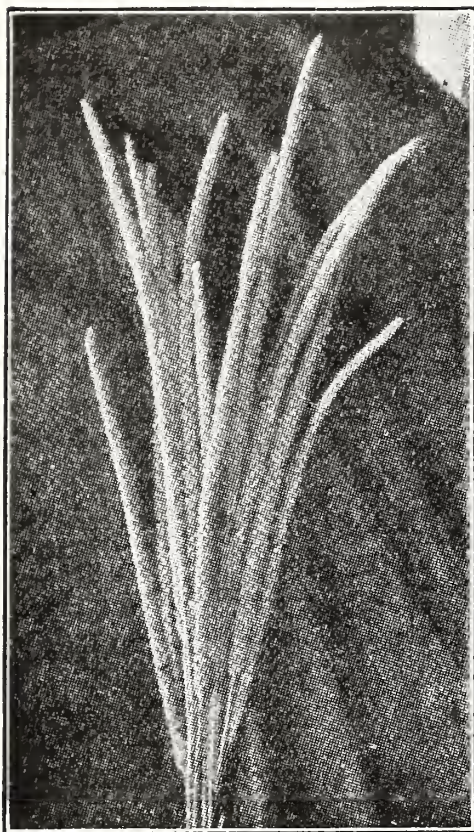
Nitrabin Has Served the American Farmer Since 1898



Mixing Nitrabin with Seed

Legume Germs die rapidly when dried. NITRAGIN, containing between 30%—40% moisture, will readily stick to the seed without adding water, and give inoculation. However, for best results, the preferred practice, recommended by The Nitrabin Company and Agricultural Authorities is to use water when mixing legume culture with seed.

OLDS' HIGH GRADE WISCONSIN GROWN TIMOTHY



Recleaned High Grade Timothy Seed is another specialty with us. We sell many carloads every year. We had a fine large crop of beautiful seed right here in our own section the past season and we bought liberally. We have thoroughly cleaned this seed with our own cleaning machinery and now have a splendid stock of clean, pure, Wisconsin grown Timothy to offer.

TIMOTHY LIKELY TO BE HIGHER. The Timothy seed crop the country over is a short crop, in fact only about a half crop, 55,000,000 bushels as compared with 103,000,000 bushels, the 5-year average. The general feeling on the part of wholesale houses is that all the seed will be wanted and in fact that there will not be enough. Prices are likely therefore to be still higher in the spring.

Prices, Old Gold Brand, by mail: Lb., 25c. By freight: Lb., 20c; 1/2 pk., 70c; pk., \$1.30; bu. (45 lbs.), \$4.75; 100 lbs., \$10.50; 500 lbs. at \$10.25. Bags extra at 30c.

Lakes Brand: Bu., \$4.65; 100 lbs., \$10.25; 500 lbs. at \$10.00. Bags extra.

River Brand: Bu., \$4.55; 100 lbs., \$10.00; 500 lbs. at \$9.75.

(Our "Old Gold Brand" represents the best grade of seed with high tests.)

OLDS' TIMOTHY AND ALSIKE MIXED.

We have an unusually large quantity this year of Timothy and Alsike Mixed. It grew that way and it cannot be separated. It is wonderfully desirable seed however, especially for pasture. It also makes better hay than clear Timothy and more of it. Alsike seed, pound for pound, is of course worth 2 or 3 times as much as Timothy seed. Many farmers buy both separately and mix them to get the kind of seed they want for sowing. Here we have the seed already mixed and at about the same price as clear Timothy. We offer two different mixtures varying slightly in the proportions of Alsike.

20 Per Cent Alsike: 1/2 pk., 75c; pk., \$1.40; bu., \$5.25; 100 lbs., \$11.50; 500 lbs. at \$11.25. Bags extra at 30 cents.

10 Per Cent Alsike: 1/2 pk., 70c; pk., \$1.30; bu., \$4.75; 100 lbs., \$10.50; 500 lbs. at \$10.25. Bags extra.

OLDS' FANCY RED TOP.

RED TOP is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. Red Top is higher than last year owing to short crop but the price at present is not unreasonable. It may be higher in the spring.

Fancy Solid Seed. (Recleaned, free from chaff.) By mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; 10 lbs., \$3.25; 100 lbs., \$28.50; 500 lbs. at \$28.00. Bags extra at 30c.

Unhulled Red Top. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$17.00.

(Timothy and Red Top prices are good until Feb. 15th only. Ask for "Weekly Price List" after that.)

LIGHT GRASSES.

Prices of all the following grasses include sacks. While prices may change in some instances they will probably stand as given here for the season. Ask for special prices in large quantities. We handle only the best grades.

KENTUCKY BLUE GRASS (Fancy). Also known as June Grass. Well suited for pasture, and the standard lawn grass. The crop was short the past season and prices are higher. Prices in quantity subject to change:

Old Gold Brand (21 pound seed)—By mail: Lb., 60c; 3 lbs., \$1.65. By freight: 10 lbs., \$4.50; 100 lbs., \$41.00. Lakes Brand (19 pound seed): 10 lbs., \$4.35; 100 lbs., \$39.50.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$14.50.

ITALIAN RYE GRASS. Similar to the preceding but larger and stronger in growth. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$15.00.

PACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.10; 100 lbs., \$15.50.

AMERICAN RYE GRASS. Grown in the state of Washington. Much cheaper than the European grown rye grass and usually just as satisfactory. May be used in lawn mixtures where a quick effect is wanted. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$10.50.

BROME GRASS (Bromus Inermis). Yields enormous quantities of hay. Defies drouth, and not affected by frost. Splendid for a permanent grass. By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$22.50; 500 lbs. at \$22.00.

ORCHARD GRASS. Withstands drouth and will grow in the shade. By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$22.50; 500 lbs., at \$22.00.

SOUTH GERMAN MIXED BENT. Genuine mixed Bent Grass from South Germany. Usually called Creeping Bent. Much sought after for golf courses. By freight: Lb., \$1.15; 10 lbs., \$10.00; 100 lbs., \$90.00.

CHEWINGS' FESCUE. A very fine pure strain of Fescue, selected by a man named Chewings. Grown in New Zealand. By freight: Lb., 55c; 10 lbs., \$5.00; 100 lbs., \$45.00.

ROUGH STALKED MEADOW. By freight: Lb., 60c; 10 lbs., \$5.50; 100 lbs., \$50.00.



Bromus Inermis.



Olds' Meadow Mixture.

T A L L MEADOW OAT GRASS. For dry soils. By freight: Lb., 35c; 10 lbs., \$3.00; 100 lbs., \$26.00.

OLDS' PASTURE MIXTURE.

Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Blue Grass and others.

By freight: Lb., 30c; 10 lbs., \$2.25; 100 lbs., \$20.00; 500 lbs. at \$19.50.

(Ask for Wisconsin Bulletin No. 414, "Permanent Pastures.")

OLDS' MEADOW MIXTURE.

For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out.

By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$18.00; 500 lbs. at \$17.50.

If seed is ordered sent by mail at the freight prices, add sufficient to cover postage.

Prices of Field Seeds are subject to change after February 15th.



The Sort of Lawn Olds' Madison Parks Produces.

OLDS' LAWN GRASS

Olds' Lawn Grass has won a reputation. We offer four very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain timothy and none are cheap mixtures.

CULTURE—Sow Lawn Grass at the rate of one pound for each 250 to 300 square feet, or not less than 100 pounds per acre. Spring is the best time for making a lawn although the seed may be sown any time from early spring until about October 1st, except for a few weeks during the dry time of midsummer. Use Vigoro, the new "Lawn Plant Food," for fertilizer. Every lawn, new or old, needs fertilizer. Many lawns need lime also. See page 92.

"THE BEAUTIFUL LAWN," a 20-page book by Profs. Moore and Aust. Part I, "Making the Lawn," covers the matters of soil, seed, methods of seeding, etc. Part II, "Care of the Lawn," takes up mowing, fertilizing, weeds and their control, etc. Price, 10c postpaid, or free on request with every lawn grass order.

(If interested in golf courses, ask for 28-page book, "Golf-Course Maintenance.")

OLDS' MADISON PARKS LAWN GRASS



Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Rough Stalked Meadow, Chewings' Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportion. We recommend Madison Parks Lawn Grass as our best lawn mixture.

By mail: Lb., 65c; 3 lbs., \$1.85. By freight: Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 100 lbs., \$45.00.

A. G. Hopkins, Wisconsin, writes:

"Last spring I sowed 10 pounds of your Madison Parks Seed and I want to tell you that I have the most beautiful catch of grass of the most wonderful color and texture that one can wish to see."

WISCONSIN SHADY MIXTURE



A new mixture recommended by Prof. Aust. Rough Stalked Meadow, a fine grass that has proven wonderfully successful in dense shade, is very largely used in this mixture. The mixture also contains other high priced grasses that are specially adapted to shaded locations.

There is an increasing demand for a lawn grass that will really do well in the shade. We recommend this.

By mail: Lb., 70c; 3 lbs., \$2.00. By freight: Lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 100 lbs., \$50.00.

OLDS' CAPITAL LAWN GRASS.



Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make the beautiful lawn surrounding Wisconsin's magnificent Capitol building here at Madison. It is composed of heavy seed of the highest germination but contains no White Clover.

By mail: Lb., 55c; 3 lbs., \$1.55. By freight: Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 100 lbs., \$35.00.

OLDS' OLD GOLD LAWN GRASS.



A good mixture at a low price. We have been making it for years and it has given general satisfaction. This mixture will probably make a better showing the first year than any of the others.

By mail: Lb., 50c; 3 lbs., \$1.40. By freight: Lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50; 100 lbs., \$30.00.



Good Seed and "Vigoro" Made This Lawn.

OLDS' SEED CORN

ADAPTED CORN. Choice Adapted Seed Corn is perhaps our greatest specialty in our entire list of seeds. It is not enough to have corn that will simply grow. You want corn that is adapted and that will produce. We have been constantly improving our corn and developing higher yielding strains, but without sacrificing earliness.

WISCONSIN VARIETIES BEST. Our principal varieties of corn are the ones originated and developed here at the Wisconsin Experiment Station and the ones recommended by them. These varieties, because adapted to our conditions, as well as improved for producing heavy yields, have put Wisconsin on the map as a corn-growing state. In fact our agronomists now say that Wisconsin has the highest average yield per acre of corn of any state, surpassing even the so-called Corn Belt states. About an eight-bushel increase per acre has been noted during the past 10 years.

WISCONSIN GROWN CORN

OUR CORN GROWN BY SPECIALISTS. We have our corn grown, selected, sorted, dried and graded by a group of expert corn men in different parts of the state who grow the different Wisconsin varieties on a large scale. All our Wisconsin corn is fire-dried and it is all from select ears. The corn is either tipped before shelling or thoroughly graded after shelling and much of it graded with Hero Corn Graders. See page 89. The 1930 corn crop in Wisconsin was unusually good and our corn this year is all very fine, most of it showing a germination of 95 per cent and over, with the prices the lowest probably they have ever been.

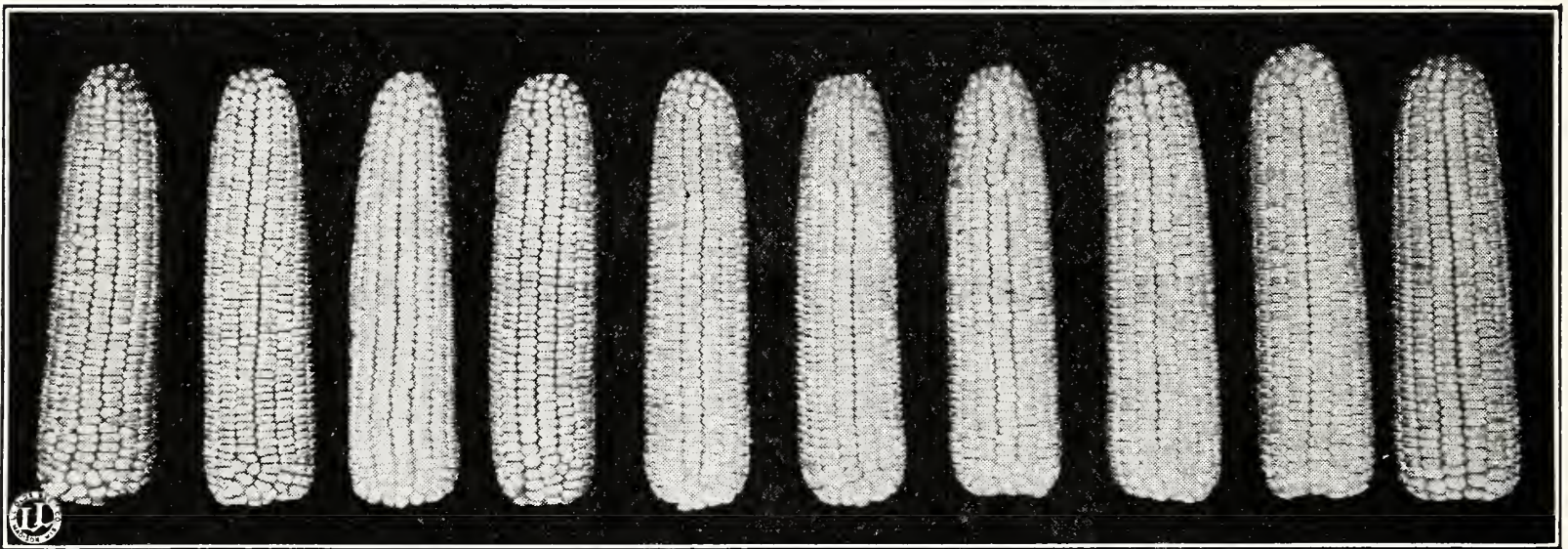
CERTIFIED CORN. The Wisconsin Experiment Association has arranged to certify stocks of seed corn of the approved Wisconsin varieties grown by careful growers in accordance with their requirements. The corn must be grown at least 40 rods from any other variety, from Certified or Registered seed, must be true to type, practically free from mixture and show at least 95 per cent germination. All of our special stocks are Certified.

STATE SEALED AND VERIFIED CORN. In addition to having our corn certified by the Wisconsin Experiment Association we have arranged with the Wisconsin Department of Agriculture to have our Special Stocks of Wisconsin Corn State Sealed and Verified as to genuineness. Each full bag will be state sealed and accompanied by an official tag. This applies to the corn from Jacques, Brueckner, Bishop and Spangler.

OUR GUARANTEE. Note our guarantee as to quality on page one. This applies to corn, as well as other things. We guarantee, however, only to the extent of the amount paid us and will not be responsible for the crop.

"WISKA" SEED CORN

"Wiska" is the name given by the Wisconsin Department of Agriculture to seed corn grown one year in Nebraska from approved Wisconsin seed stocks of the Wisconsin varieties. This corn has proven so very satisfactory when brought back here that our agronomists now recommend it very highly, and have given it this new distinguishing name, "Wiska." All our "Wiska" corn is State Sealed and Verified by the Wisconsin Department of Agriculture. Each full bag will bear an official state tag certifying as to the genuineness of the corn. As a result of careful tests carried on at the Wisconsin Station during the last three years it has been found that "Wiska" corn matures just as early as corn actually grown in Wisconsin although it does not always produce as uniform a yield.



Ten Ears of Leo Brueckner's Murdock, 1930 Crop. The Ear at the Extreme Right is the One Shown on our Front Cover and is Decidedly a Show Ear. Mr. Brueckner wrote Sept. 29th, "We Have the Best Corn I believe that We Have Ever Had. It Was Mostly on Low Ground and All Ripened Well With No Frost. Ears are Very Large."

MURDOCK YELLOW DENT. (Wisconsin No. 13.)

Sweepstakes Corn of the Northern Zone.

MURDOCK YELLOW DENT. It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. He took more than 35 premiums on it in 12 years.

Murdock Yellow Dent is of a deep yellow color, ears 8½ to 9½ inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. Murdock is not a whole lot different from Golden Glow but it grows a trifle larger both in stalk and ear and yields a trifle more. Not quite as early but nearly so.

BRUECKNER MURDOCK. We handled Mr. Brueckner's Murdock Yellow Dent for 13 consecutive years up to the time of his death in 1922, and he was selecting and further improving the corn each year during all that time. Since his death his son, Leo, has continued the work of developing and improving, using his father's methods. All the Brueckner Murdock we offer this year was grown by him and is all State Certified and Verified.

We offer this year also Murdock grown by Mr. W. H. Jacques, of Pierce County, our largest grower of Wisconsin seed corn. This stock is also State Certified and Verified and a little smaller strain than the Brueckner strain.

Our other Wisconsin grown Murdock is fire-dried and choice and most of it from Brueckner seed originally.

PRICES OF MURDOCK YELLOW DENT FOR 1931.

Brueckner Stock: ½ pk., 90c; pk., \$1.65; bu., (56 lbs.) \$5.00; 2½ bus. at \$4.90; 10 bus. at \$4.75. Bags extra.

Jacques Stock: ½ pk., 70c; pk., \$1.25; bu., \$3.75; 2½ bus. at \$3.65; 10 bus. at \$3.50.

Other Wisconsin: ½ pk., 65c; pk., \$1.15; bu., \$3.50; 2½ bus. at \$3.40; 10 bus. at \$3.25. Bags extra.

"Wiska" Corn, from Brueckner Seed: Pk., 80c; bu., \$2.50; 2½ bus. at \$2.40; 10 bus. at \$2.25.

Other Nebraska Grown: Pk., 80c; bu., \$2.40; 2½ bus. at \$2.30; 10 bus. at \$2.15. Bags extra.

Any variety of corn—by mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 3 lbs., 60c.



Bishop Heavy Yield Golden Glow, An Unusually Desirable Strain.

GOLDEN GLOW (Wisconsin No. 12.)

THE OUTSTANDING CORN FOR WISCONSIN.

Golden Glow is the most popular variety of Wisconsin corn. It is grown more largely than any other variety, and in fact it is estimated that half of all the corn grown in the state now is Golden Glow. It certainly is well adapted to all sections of the state as far north as north-central Wisconsin. It is a little earlier than either Murdock or Silver King, hence safer in an unfavorable season.

Description. Golden Glow is a pure golden yellow corn, ears fairly large, the standard official length being $8\frac{1}{4}$ to $9\frac{1}{4}$ inches. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

BISHOP HEAVY YIELD GOLDEN GLOW. We have a specially fine strain of Golden Glow, grown by Mr. W. E. Bishop in Trempealeau County, Western Wisconsin. The Bishop strain is characterized by uniformity of type and color, strong vigorous growth, earliness of maturity, and, most important of all, by "heavy yield." Mr. Bishop almost always reports a yield of around 100 bushels per acre for his entire acreage.

Mr. Bishop has been growing and improving this "Heavy Yield" strain of Golden Glow for many years. This is the fourteenth year that we have offered it. The stock is State Certified and State Sealed and Verified. See preceding page for explanation. Mr. Bishop grades his corn very close, using a Hero Corn Grader. It is, in fact, probably graded a little more carefully than any other stock of corn we offer.

JACQUES' NORTHERN WISCONSIN GOLDEN GLOW. We have again also a stock of fine Golden Glow from Mr. W. H. Jacques, of Pierce County, probably the largest and most experienced seed corn grower in the state. Mr. Jacques' strain of Golden Glow is a wonderfully fine early strain, bred up and improved through a term of years. This stock also is State Certified and State Sealed and Verified. Mr. Jacques has installed new cleaning machinery the past season and is furnishing us better graded corn than before.

OTHER WISCONSIN GOLDEN GLOW. We have other stocks of Wisconsin Golden Glow grown in Dane County, Jefferson County, Sauk County, LaCrosse County and Pierce County. Every lot is kept separate.

"WISKA" GOLDEN GLOW. We also have a large fine stock of "Wisconsin" Golden Glow to offer. This is grown from our Jacques seed, is nice bright uniform corn and will get ripe most anywhere in Wisconsin as well as in other states of the same corn zone.

PRICES OF GOLDEN GLOW FOR 1931.

Bishop Heavy Yield: $\frac{1}{2}$ pk., 75c; pk., \$1.35; bu., \$4.00; $2\frac{1}{2}$ bus. at \$3.90; 10 bus. at \$3.75. Bags extra.

Jacques Northern Wisconsin: $\frac{1}{2}$ pk., 70c; pk., \$1.25; bu., \$3.75; $2\frac{1}{2}$ bus. at \$3.65; 10 bus. at \$3.50.

Other Wisconsin: $\frac{1}{2}$ pk., 65c; pk., \$1.15; bu., \$3.50; $2\frac{1}{2}$ bus. at \$3.40; 10 bus. at \$3.25.

"Wisconsin" Corn, from Jacques Seed: $\frac{1}{2}$ pk., 50c; pk., 80c; bu., \$2.50; $2\frac{1}{2}$ bus. at \$2.40; 10 bus. at \$2.25.

Other Nebraska Grown: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.40; $2\frac{1}{2}$ bus. at \$2.30; 10 bus. at \$2.15. Bags extra.

TREAT YOUR SEED CORN WITH SEMESAN JR.

Destroys Disease Germs, Hastens Germination, Strengthens Growth, Increases Yield.

The corn crop of the country is reduced over 80 million bushels per year by diseases that are carried on the seed. Destroy these costly diseases by treating your seed corn with Semesan Jr. Simple, quick, effective. Costs only $2\frac{1}{2}$ ¢ an acre. Harmless to seed, does not slow up the rate of drop. Semesan Jr. destroys harmful disease organisms on the seed, protects seed from rotting in cold, wet soil, makes earlier planting possible, controls seedling blight, reduces root and stalk rots and generally increases crop yields. Easily and quickly applied as a dust. Use 2 ounces per bushel of seed.

The treated corn shown in our illustration gave a yield of 54.7 bushels per acre as compared with only 33 bushels from the untreated.

Funk Bros. Farms, Illinois. Treatment increased the yield from 66.6 to 73.8 bushels per acre of 7.2 bushels.

"We planted 2 bushels of Cold-Resisting Golden Glow and 1 bushel of Murdock the latter part of May and treated all of it with Semesan Jr. The results were wonderful, for the corn was matured the 15th of September." Albert Kortens, of Wisconsin.

"The Semesan Jr. treatment not only increased germination, but also hastened the germination, increased the sturdiness of the stalk growth and caused a marked yield increase in the rows of Semesan Jr. treated corn compared with the untreated."—J. H. Petty, of Iowa.

Prices: 4 oz. size, 50c; 1 lb. size, \$1.75; 5 lb. size, \$8.00; 25 lb. size, \$31.25. Not mailable. (Ask for booklet, "Semesan Jr. for Seed Corn.")



Increase at rate of 21.7 bushels per acre caused by Semesan Jr. seed treatment





Ten Typical Ears of Cold Resistant Golden Glow.

COLD RESISTANT GOLDEN GLOW.

Earlier Than Golden Glow and the Best Good-Sized Corn for Central and Upper Wisconsin. Also Fine for All Sections To Resist Cold Weather Just After Planting.



Cold Resistant Golden Glow is a genuine Golden Glow with all the good qualities of that variety and in addition with the cold resistant features bred into it so it will stand unfavorable weather.

It is just what its name indicates, a strain of Golden Glow that will resist the cold unfavorable weather we are so apt to have at corn planting time and also a little later on and permit earlier planting.

The Official History and Description of Cold Resistant from Wisconsin Bulletin No. 170 reads as follows:

"Owing to the cool weather which frequently prevails during the early part of the growing season and retards the growth of corn a strain was bred which will continue to grow under conditions too cool for ordinary varieties."

"This work was begun in 1914 by germinating six kernels from each of a large number of ears, in an ice box kept at a temperature of 42° to 45° F. Those ears, the kernels of which showed any sign of germination, were kept for further breeding. After six years of selection, a strain of Golden Glow corn was produced which will grow at a soil temperature several degrees lower than that required for the standard Golden Glow strains. In breeding this strain, every effort was made to maintain the size of the ear and stalk and standard Golden Glow type."

JACQUES COLD RESISTANT. Our best Cold Resistant comes from Mr. Jacques, who, no doubt, has the best strain of Cold Resistant in the state. He has been growing Cold Resistant for five years and putting a lot of selection work on it to make it earlier. He says it now runs a full week earlier in maturity than Golden Glow and is that much earlier than it was when he started with it. The yield is all right too, his best fields averaging as high as 75 to 80 bushels per acre. The germination tests on the Jacques Cold Resistant this year are unusually high, 96 to 98 per cent. All the Jacques stock we offer is State Certified and State Sealed and Verified.

PRICES OF COLD RESISTANT FOR 1931:

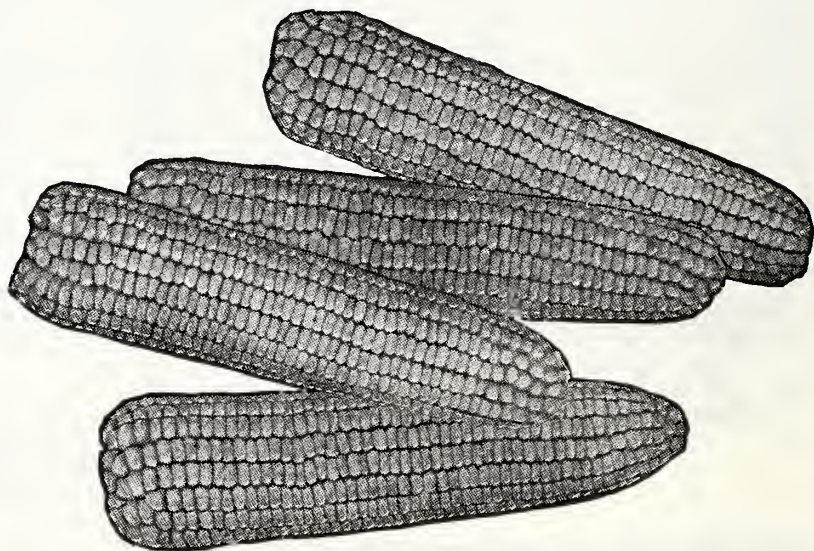
Jacques Stock: 1/2 pk., 70c; pk., \$1.25; bu., \$3.75; 2 1/2 bus. at \$3.65; 10 bus. at \$3.50. Bags extra.

Other Wisconsin: 1/2 pk., 65c; pk., \$1.15; bu., \$3.50; 2 1/2 bus. at \$3.40; 10 bus. at \$3.25. Bags extra.

Wiska, from Jacques Seed: 1/2 pk., 50c; pk., 80c; bu., \$2.50; 2 1/2 bus. at \$2.40; 10 bus. at \$2.25. Bags extra.

Nebraska Grown: Pk., 80c; bu., \$2.40; 2 1/2 bus. at \$2.30; 10 bus. at \$2.15. Bags extra.

F. H. Boyman, New York, writes: "The bushel of seed corn, Cold Resistant Golden Glow, I suppose is the first dent corn in my neighborhood which has ripened in years. I am selling seed at \$5.00 per bushel."



Jacques' Cold Resistant.

WISCONSIN NO. 8

Best Husking Variety for Northern Wisconsin.

Wisconsin No. 8 is probably the earliest of all dent varieties except Wisconsin No. 25. It came originally from Minnesota but has been developed and improved at the Wisconsin Experiment Station, the ears being materially lengthened without sacrificing the extreme earliness. The ears average 7 to 8 inches in length.

Our Wisconsin No. 8 this year is all from Mr. Jacques and is State Certified. He says of it, "I find a good sale for Wisconsin No. 8 and like to grow it, it being about as good a husking variety as there is for North Central Wisconsin. My yield of shelled corn is about the same most years as the larger varieties. While ears are a trifle smaller they have a very good shelling percentage and they are surer to make a crop."

Prices: 1/2 pk., 70c; pk., \$1.25; bu., \$3.75; 2 1/2 bus. at \$3.65; 10 bus. at \$3.50. Bags extra.



Jacques' Wisconsin No. 8.



Ten Ears of Wisconsin No. 25, "The Earliest Corn." Grown by W. H. Jacques, Pierce County, Northern Wisconsin.

WISCONSIN NO. 25 (Northern Yellow Dent)

Earliest of All Wisconsin Varieties.



This is the corn for the extreme north, way up on Lake Superior. Earlier than any other dent variety, even than Wisconsin No. 8 or Minnesota No. 13 and pronounced by the Wisconsin Experiment Station as "well adapted to the northern sections as a seed and silage variety." It originated at the Ashland Station, a cross of Wisconsin No. 8 and a very early yellow dent which Prof. Delwiche secured from Northern Michigan.

Our best Wisconsin No. 25 was grown by Mr. Jacques. The stock is all State Certified and State Sealed and Verified. It was grown from select, registered and acclimated stock, the seed coming from the Spooner Experiment Station. It is wonderfully fine stock, and not so very small either for such an early variety. Note the size of the ears in the illustration. Our other Wisconsin stock of this variety is all right, too, and it was grown from Jacques seed. The Northern Wisconsin Experiment Station has had yields of Wisconsin No. 25 as high as 90 bushels per acre on test plots.

We recommend this corn for the extreme northern counties of Wisconsin and for the same latitude in other states. A little farther south plant Wisconsin No. 8 or Minnesota No. 13 and still farther south Cold Resistant or other Wisconsin varieties.

PRICES OF WISCONSIN NO. 25 FOR 1931:

Jacques Stock: ½ pk., 75c; pk., \$1.35; bu., \$4.00; 2½ bus. at \$3.90; 10 bus. at \$3.75. Bags extra.
Other Wisconsin: ½ pk., 70c; pk., \$1.25; bu., \$3.75; 2½ bus. at \$3.65; 10 bus. at \$3.50.

IMPROVED SMUT NOSE FLINT

Best of All Flints.

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other flint and it also has a better stalk. It has a long ear with eight rows of large yellow kernels. Our stock of this variety was grown in Jefferson County, Wisconsin, by Spangler Bros., growers of our Spangler Silver King. It is fire-dried the same as all our other Wisconsin corn and is very choice. It is also State Certified.



Jacques Minnesota No. 13.

MINNESOTA No. 13

Minnesota's most famous variety of corn. Minnesota No. 13 is to Minnesota what Golden Glow is to Wisconsin, the outstanding variety for the State. A good 90 day corn, similar in type to Golden Glow, somewhat smaller in ear and stalk and about a week earlier.

Our Wisconsin stock is all from Mr. Jacques and is State Certified and State Sealed and Verified. He says of it. "I have the nicest lot of this variety I ever had and yield per acre was big and ears very nice looking. In my opinion Minnesota No. 13 is as good a husking corn as there is for central Wisconsin. I like to grow such varieties as Wisconsin No. 8 and Minnesota No. 13 as my yield of shelled corn on them is about the same most years as of the larger varieties." Order our Jacques Minnesota No. 13 if you want to secure the best strain obtainable of this celebrated Minnesota variety.

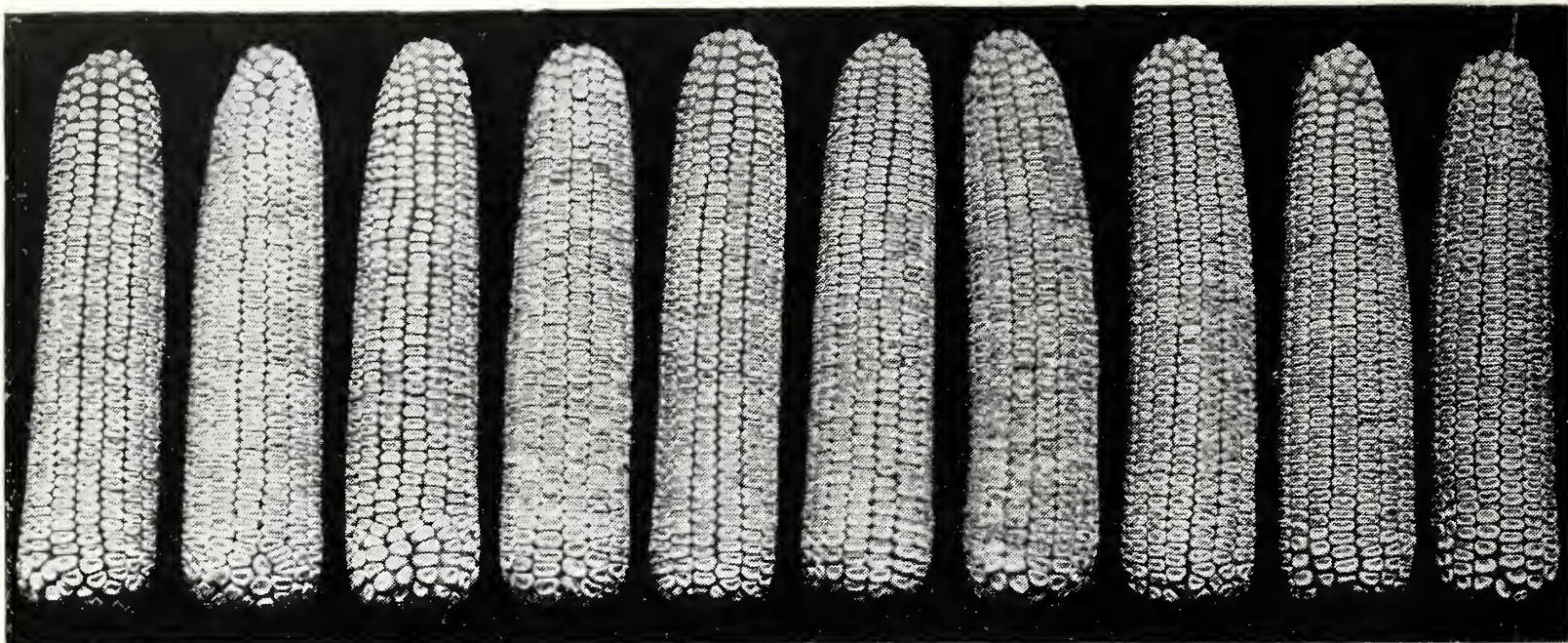
PRICES FOR MINNESOTA NO. 13 FOR 1931:

Jacques Stock: ½ pk., 70c; pk., \$1.25; bu., \$3.75; 2½ bus. at \$3.65; 10 bus. at \$3.50. Bags extra.

Nebraska Grown: Pk., 80c; bu., \$2.40; 2½ bus. at \$2.30; 10 bus. at \$2.15.



Improved Smut Nose Flint.



Ten Ears of Spangler Silver King, Grown by Spangler Brothers, Jefferson County, Wisconsin.

SILVER KING (Wisconsin No. 7)

By Far the Best White Dent for Southern Wisconsin, Northern Illinois and Iowa.



Silver King is not only the best white variety but one of the best and heaviest yielders of all varieties of corn. It came from northern Iowa to Wisconsin in 1904. We first offered it in 1907. Now it is well known and a standard sort. It is a big yielder and specially fine for the silo. The Official Description from Wisconsin College of Agriculture Corn Bulletin No. 170, is as follows:

"This variety is a uniform creamy white in color and has a slight roughness of kernel. The cob is glistening white. The length of ears varies from 7 to 10 inches. The standard length is from 8½ to 9½ inches.

"The foundation stock of Silver King was secured from John Banks, Algona, Iowa, by the Wisconsin Experiment Station in 1904. Since that time it has been improved by ear-to-row breeding and adapted to Wisconsin climatic conditions. This variety breeds true to type and is one of the best yielders for crib and silage corn in the southern half of the state. Reports from Experiment Association members show a six year average yield (1918-1923) of 62.1 bushels per acre, an increase of 18.9 bushels above the state average."

SPANGLER SILVER KING. Our Spangler Stock of Silver King, grown by Spangler Brothers, Jefferson County, is an unusually fine strain, bred to a rather large rough type. The Spanglers have taken many prizes, including "First on Ten Ears" and "First on Single Ear" at the 1924 State Grain Show, "Sweepstakes on Ten Ears" at the 1925 Show and "Seventh on Single Ear" at the Chicago International, 1923. Also "First on 50 Ears Silver King" and "First on Single Ear" at the 1927 State Grain Show. "First on Single Ear" and "First on Ten Ears" at Aurora Central States Fair and a lot more prizes at State and County Fairs. The corn they are delivering to us this season is unusually choice. It is all State Certified and State Sealed and Verified.

JACQUES SILVER KING. Our Jacques Silver King from Mr. W. H. Jacques, of Pierce County, is also very fine and is State Certified and State Sealed and Verified. Mr. Jacques says of it, "I think we have the finest strain of this variety there is any place. Mine is an extra early strain, thoroughly acclimated, having been developed by careful selection from stock originally obtained from the Wisconsin Experiment Station. This is a wonderful silo corn, probably the best yielder there is for most of Wisconsin and Minnesota."

We recommend this stock especially for our customers living pretty well North. It is a decidedly early strain of Silver King and in fact Mr. Jacques says it seems to be fully as early as his Golden Glow. At the same time it is by no means a small strain. He says it is his best yielder of all his varieties, giving him an average of better than 75 bushels per acre. He writes Nov. 8, 1930: "We have the best crop of Silver King this year I ever grew."

PRICES OF SILVER KING FOR 1931:

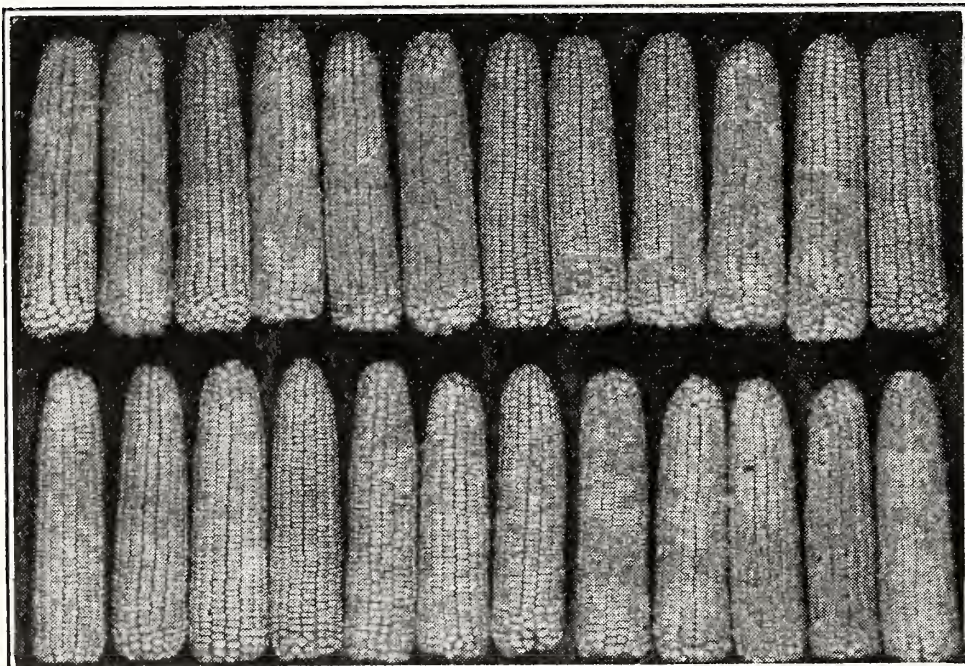
Spangler Stock: ½ pk., 75c; pk., \$1.35; bu., \$4.00; 2½ bus. at \$3.90; 10 bus. at \$3.75. Bags at 30c each.

Jacques Stock: ½ pk., 70c; pk., \$1.25; bu., \$3.75; 2½ bus. at \$3.65; 10 bus. at \$3.50. Bags extra.

Other Wisconsin Grown: ½ pk., 65c; pk., \$1.15; bu., \$3.50; 2½ bus. at \$3.40; 10 bus. at \$3.25.

"Wiska," from Jacques Seed: ½ pk., 50c; pk., 80c; bu., \$2.50; 2½ bus. at \$2.40; 10 bus. at \$2.25.

Other Nebraska Grown: Pk., 80c; bu., \$2.40; 2½ bus. at \$2.30; 10 bus. at \$2.15. Bags extra.



Jacques' Northern Wisconsin Silver King.

WHY USE SEMESAN JR.?

First. It Makes Early Planting Safer. Seed treatment with Semesan Jr. greatly reduces the risk of corn rotting in cold, wet soil.

Second. It Produces Better Germination and Stands. J. H. Petty of Iowa, says: "The Semesan Jr. treatment not only increased germination, but also hastened the germination, increased the stalk growth and caused a marked yield increase."

Third. It is Effective in Controlling Certain Diseases. Semesan Jr. is especially effective against seed-borne infections of Diplodia and Gibberella, also other common diseases.

Fourth. It Improves Quality and Yield. H. Kirkendall of Iowa says: "I used Semesan Jr. on 8 acres of corn and in my entire neighborhood this was the only solid corn."

Fifth. It is Easily Applied. It requires simply a few minutes mixing in a fruit jar or milk can; does not interfere with planting.

Sixth. The Cost is Slight. A four ounce size treats 2 bushels.

(See page 9 for further description and price.)

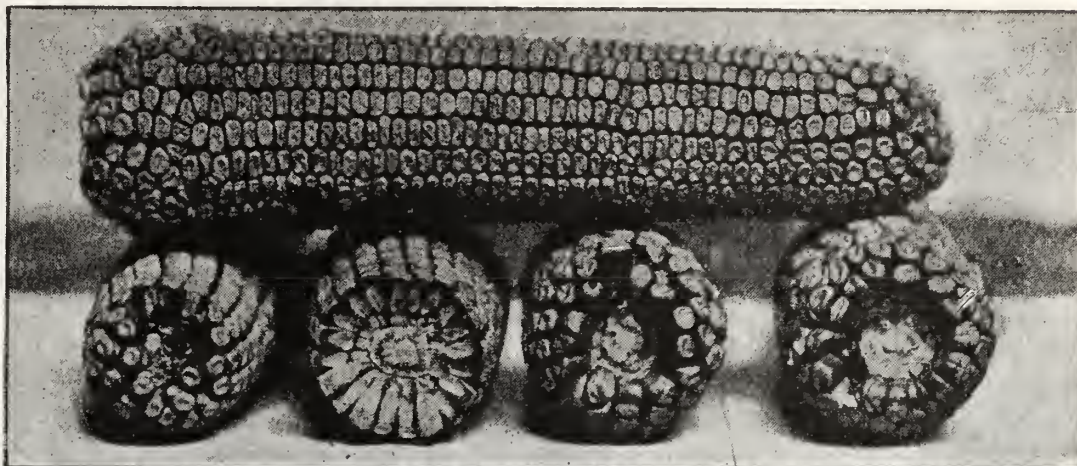
NEBRASKA GROWN CORN.

The corn offered on this page is all Nebraska grown except the Red Cob Ensilage, which is Missouri grown. That means of course that it will all be later in maturing than Wisconsin corn. It is all good seed corn, however, is well graded and shows high germination tests. We like to see Wisconsin farmers and other Northern farmers order Wisconsin Grown Corn or "Wiska" Corn for their general planting as we know it will give the best satisfaction. For silage and for fodder of course the Nebraska corn will do very well, however, and the price will have its attraction.

REID'S YELLOW DENT.

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the North for silo. We sell it in large quantities for that purpose, especially to the dairy farmers of northern Illinois and southern Wisconsin.

Prices: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.40; $2\frac{1}{2}$ bus. at \$2.30; 10 bus. at \$2.15. Bags extra at 30c.

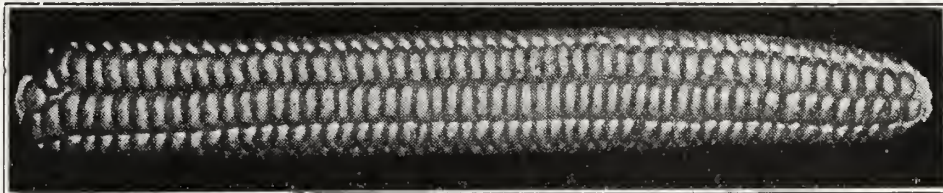


Reid's Yellow Dent, A Very Popular Large Yellow Corn.

PRIDE OF THE NORTH.

The old, well-known standard early Yellow Dent. Ears not large but kernels very deep with very small cob. Probably no other variety furnishes as large a percentage of shelled corn. While always described as an early variety, Nebraska Pride of the North, which is what we offer, is not particularly early in maturing.

Prices: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.40; $2\frac{1}{2}$ bus. at \$2.30; 10 bus. at \$2.15. Bags extra.



Early Longfellow, the Most Popular Flint.

EARLY LONGFELLOW FLINT.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with long, straight ears, 10 to 15 inches long. Ripens in 75 days. We ordinarily have more call for Longfellow than for all other varieties of flint combined.

Prices: $\frac{1}{2}$ pk., 65c; pk., \$1.10; bu., \$3.25; $2\frac{1}{2}$ bus. at \$3.15; 10 bus. at \$3.00. Bags extra.

COMPTON'S EARLY YELLOW FLINT.

An extra early variety with large ears, averaging 10 inches in length, usually 12-rowed. Small, rich golden-yellow kernels.

Prices: $\frac{1}{2}$ pk., 65c; pk., \$1.10; bu., \$3.15; 10 bus. at \$2.90.

SANFORD'S WHITE FLINT.

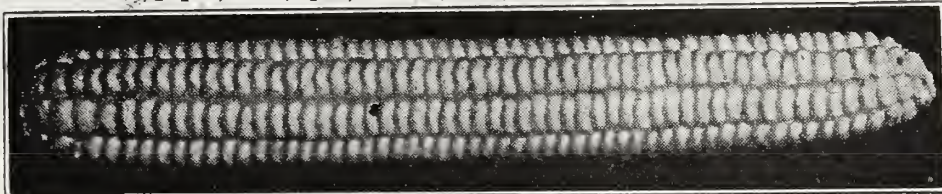
A heavy yielding, 8-rowed flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color.

Prices: $\frac{1}{2}$ pk., 65c; pk., \$1.10; bu., \$3.25; $2\frac{1}{2}$ bus. at \$3.15; 10 bus. at \$3.00. Bags extra.

GENESEE VALLEY FLINT.

A heavy yielding flint, a little larger and a very little later than Longfellow, with a larger and a broader kernel. Reddish yellow instead of pure yellow. A very vigorous grower.

Prices: $\frac{1}{2}$ pk., 65c; pk., \$1.10; bu., \$3.15; 10 bus. at \$2.90.



Improved Smut Nose Flint. See page 11.

IMPROVED LEAMING.

The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wisconsin and is in great demand in the North as a silage corn. Largely planted by dairy farmers.

Prices: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.40; $2\frac{1}{2}$ bus. at \$2.30; 10 bus. at \$2.15. Bags extra.

Any variety of corn on our list—By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 3 lbs., 60c. Samples showing tests free. Half bushels at bushel rates. Bushel sacks extra at 10c for quantities over one peck; grain bags holding $2\frac{1}{2}$ bushels, 30c each.

Our corn described as "State Sealed" will not show the seals except in full bag lots of $2\frac{1}{2}$ bushels each.

Prices of corn are subject to change after February 15th. Ask for "Weekly Price List" after that date. Corn prices are certainly very low now, the lowest in many years. Better place your order at once.

PRIDE
OF THE
NORTH

GIANT RED COB ENSILAGE.

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the north for a large growth of green fodder. Does not ordinarily develop ears in the north. Missouri grown.

Prices: $\frac{1}{2}$ pk., 45c; pk., 75c; bu., \$2.25; $2\frac{1}{2}$ bus. at \$2.15; 10 bus. at \$2.00.

EVERGREEN SWEET FODDER CORN.

A fodder grade of Stowell's Evergreen Sweet Corn. See page 41 for description.

Prices: $\frac{1}{2}$ pk., 80c; pk., \$1.35; bu. (45 lbs.), \$4.00; $2\frac{1}{2}$ bus. at \$3.90; 10 bus. at \$3.75.



Improved Leaming.

OLDS' SEED OATS

WHY WISCONSIN SEED OATS?

Because the Wisconsin Experiment Station has put a lot of breeding and selecting work on the varieties best adapted to Wisconsin and these pedigreed Wisconsin varieties have also proved outstanding in other states wherever tried. Because the Wisconsin oat crop was a wonderful crop the past season and the oats are remarkably fine.

WHY OLDS' SEED OATS?

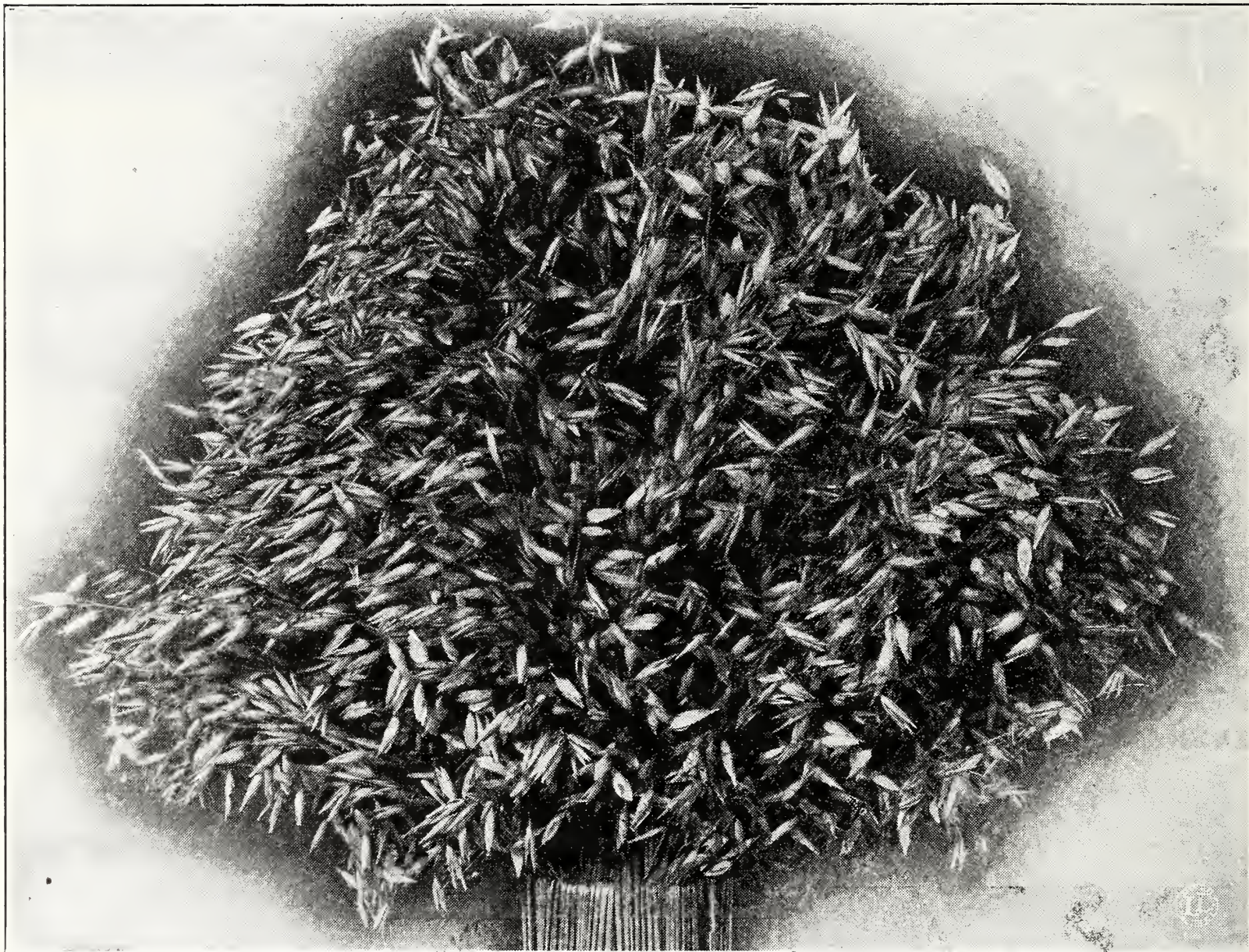
Because we specialize in these outstanding Wisconsin varieties as well as offering a few others that are good. Because we give careful attention to the growing of our stocks supplying the seed, Registered or Certified, to the most careful farmer growers around Madison, watching and inspecting the crops as they grow and finally thoroughly cleaning and grading the grain with our modern cleaning machinery. Because prices are extremely low.

REGISTERED SEED. Registered Seed as defined by the Wisconsin Experiment Association is seed that was grown from either elite or registered seed, that has been both field inspected and sample inspected by the Experiment Association and shows a purity test of not less than 99.6 per cent. There must be not more than one kernel per pound of other varieties or kinds of grain, no noxious weed seeds, not more than 1-10 per cent of other weed seeds and not more than 2-10 per cent of inert matter. The grain must be grown from seed treated for smut and show not more than a trace of smut. Most of our growers treat with Ceresan. See page 16. Germination must be at least 90 per cent, weight not less than 30 pounds. By elite seed is meant seed that was grown on the station farm.

CERTIFIED SEED. Certified Seed calls for the same inspections as Registered Seed, with freedom from noxious weeds, the purity test not less than 99.5 per cent. There must be not more than 5-10 per cent mixture of other varieties and not more than 1-10 per cent other kinds of grain, otherwise the same requirements as for Registered Seed.

STANDARD SEED. Our Standard Seed is pure and nearly equal to the Registered and Certified Seed.

OFFICIAL TAGS. We use official certification tags authorized by the Wisconsin Experiment Association.



Prize Sheaf of State's Pride at one of the Grain Shows of the Wisconsin Experiment Association.

STATE'S PRIDE (WISCONSIN PEDIGREE NO. 7)

Most Popular Early Oat and Best Yields of all Oats at Wisconsin Experiment Station Farm.

Description. State's Pride is a small yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This is of great importance as it escapes the rust so apt to hit oats.

It has a short stiff straw and has stood up the best of all oats at the Wisconsin Station Farm.

Another thing about this oat is its hardiness. Prof. Leith says it is the hardiest of anything, resists heat and withstands unfavorable conditions. It is fully recommended for rich soils where ordinary oats will not do well at all.

Speaking to a radio audience just recently Prof. Leith said, "The State's Pride oats, although beaten down by storms, yielded 75.7 bushels per acre. This oat has been grown for 19 years at the Experiment Station and has given an average yield of 68.5 bushels per acre, a record which no other oat has equalled."

PRICES OF STATE'S PRIDE FOR 1931.

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 25c; pk., 35c; bu., \$1.10. (Bushel sacks extra at 10c.) 2½ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. or over at \$1.00. (Cotton grain bags extra at 30c.)

Certified Seed: Bu., \$1.05; 2½ bus. at \$1.00; 10 bus. at 95c; 25 bus. at 90c. Bags extra.

Standard Seed: Bu., 95c; 2½ bus. at 90c; 10 bus. at 85c; 25 bus. at 80c. Bags extra.

(All orders for less than one bushel will be filled from Registered Seed.) (We ship oats mostly in grain bags.)

Note—Field Seed prices are subject to change after Feb. 15th. Ask for "Weekly Price List" after that date.



Sheaf of White Cross. First Prize Oats at Wisconsin State Fair.

BIG FOUR

Big Four is a standard medium variety of white oats popular the country over. We used to grow them extensively and always found them a splendid yielder.

The stock we offer this year was grown right near Madison and is bright, heavy and plump.

Prices: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., 95c; $2\frac{1}{2}$ bus. at 90c; 10 bus. at 85c; 25 bus. at 80c. Bags extra.

WHITE CROSS (Wis. Pedigree No. 19)



"Finest Appearing Early Oat." Prof. B. D. Leith. White Cross is a Pedigree variety developed at the Wisconsin Experiment Station.

In this variety the attempt has been made to produce a white oat of larger size than State's Pride but still maintaining the earliness and high yield. The result has been wonderfully satisfactory.

These are the outstanding features of White Cross:

First, it is extra early, almost as early as the famous State's Pride.

Second, it is white instead of yellow, with a good sized grain, making it as Prof. Leith says, "the finest appearing early oat."

Third, it is a heavy yielder, second only to State's Pride at the Wisconsin Experiment Farm and some years outyielding that variety.

Fourth, it grows a taller straw than State's Pride and can always be easily harvested by the binder even on thin poor land.

Fifth, it is the best early oat for light soils, outyielding all other earlies.

PRICES OF WHITE CROSS FOR 1931:

Certified Seed: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.10; $2\frac{1}{2}$ bus. at \$1.05; 10 bus. at \$1.00; 25 bus. or over at 95c. Grain bags holding $2\frac{1}{2}$ bushels each extra at 30 cents.

Standard Seed: Pk., 30c; bu., \$1.00; $2\frac{1}{2}$ bus. at 95c; 10 bus. at 90c; 25 bus. at 85c. Bags extra.

(Note—Pound prices, all varieties of oats, same as for State's Pride.)



Field of Forward Oats. (Courtesy of Prof. E. J. Delwiche.)

FORWARD (Wis. Pedigree No. 1241)



Forward is a new pedigreed variety of oats that we offered four years ago for the first time. It is a handsome, white, medium early, heavy yielding, plump variety that is giving splendid satisfaction in every way.

History. Forward is a selection from Silver Mine made in 1911, not at the Madison Station but at the Demonstration Station at Superior, being further improved at the Ashland Station.

Wisconsin Bulletin 340 describes it as follows:

"It has a white, fairly plump kernel of medium length. The variety stands out conspicuously as the best yielding oats for the northern, or Lake Superior region. It outyielded its nearest competitor by nearly 5 bushels per acre, and Pedigree 5 by 9.6 bushels. Forward is recommended as the best oat for the northern section of the state."

We are glad to have this oat to offer our customers as an improved strain of Silver Mine. Silver Mine has long been a popular oat with the farmers of the Northwest. Pure white, plump, smooth, heavy, medium early.

PRICES OF FORWARD OATS FOR 1931:

Standard Seed: $\frac{1}{2}$ pk., 25c; pk., 30c; bu., \$1.00; $2\frac{1}{2}$ bus. at 95c; 10 bus. at 90c; 25 bus. at 85c.

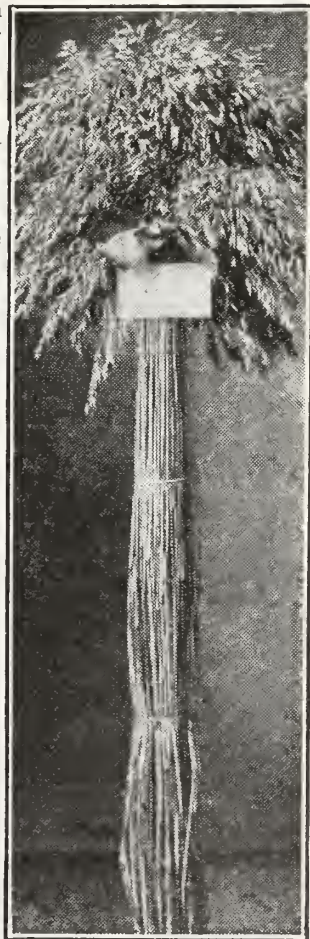
White Kherson (Iowa No. 103)

White Kherson or Iowa No. 103 is a distinct variety originated at the Iowa Experiment Station.

Prof. Burnett of the Iowa Agricultural College said of it: "Iowa No. 103 is a 'pure line.' It is an early white oat that resembles the Kherson in its manner of growth. It has outyielded the Kherson both here at the Station and in the farmers' tests the last two seasons."

We grew and handled White Kherson for a number of years and it gave splendid satisfaction to our customers both for yield and appearance. When White Cross came out we discontinued it because we wanted to give the preference to Wisconsin varieties. Some of our Wisconsin farmers, however, seem to have better yields from Iowa grown seed than from Wisconsin seed. We have, therefore, secured a supply of White Kherson from Northern Iowa. These Northern Iowa grown White Kherson are very fine, pure, clean, bright, heavy and plump.

Prices: $\frac{1}{2}$ pk., 25c; pk., 30c; bu., 95c; $2\frac{1}{2}$ bus. at 90c; 10 bus. at 85c; 25 bus. or over at 80c. Bags extra.



White Kherson.



Wisconsin Pedigree No. 1 on Farm of Edward F. Sohn, Manitowoc County, Wisconsin.

WISCONSIN PEDIGREE No. 1.

Probably the best all-around medium oat in the state.

Wisconsin Pedigree No. 1 is a pure white oat, good sized, nice appearing, with rather long kernels. It originated at the Wisconsin Experiment Station in 1901. It proved the best out of 100 varieties.

PRICES OF WISCONSIN PEDIGREE NO. 1 FOR 1931:

Registered Seed: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.15; $2\frac{1}{2}$ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00.
 Certified Seed: Pk., 35c; bu., \$1.05; $2\frac{1}{2}$ bus. at \$1.00; 10 bus. at 95c; 25 bus. at 90c.
 Standard Seed: Bu., 95c; $2\frac{1}{2}$ bus. at 90c; 10 bus. at 85c; 25 bus. or over at 80c. Bags extra.

WISCONSIN PEDIGREE No. 5.

Wisconsin Pedigree No. 5 is a pure-line selection from the Swedish Select. It was sent out by the Wis. Ex. Station about 1913. It grows medium to tall in height with large, thick, spreading heads. The kernels are large, pure white and very plump. They are just the type of oats most desired in market and they always bring the highest price. They are heavy in weight, and are great yielders. In season about medium.

Certified Seed: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.10; $2\frac{1}{2}$ bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c.

Standard Seed: Bu., \$1.00; $2\frac{1}{2}$ bus. at 95c; 10 bus. at 90c; 25 bus. or over at 80c. Bags extra.

VICTORY (Minnesota No. 514)

A very fine new variety of oats developed at the Minnesota Experiment Station from seed secured from Svalof, Sweden. It is a pure white oat, thick, meaty and plump, somewhat like Swedish Select. Grows a fairly tall straw with branching heads; medium in season. Good yielder. Our stock was grown in Northern Wisconsin, close to Lake Superior. This stock is extra fancy, bright, heavy.

Prices: $\frac{1}{2}$ pk., 25c; pk., 30c; bu., \$1.00; $2\frac{1}{2}$ bus. at 95c; 10 bus. at 90c; 25 bus. at 85c.

SWEDISH SELECT (Wis. No. 4)

Swedish Select for years was considered "the best American Oat," and it is perhaps more largely grown throughout the whole country today than any other single variety. Handsome in appearance, with short, thick, very plump kernels, pure white in color. Does best on clay soils.

Our Swedish Select are Northern Wisconsin grown, plump, heavy and fine.

Prices: Pk., 30c; bu., \$1.00; $2\frac{1}{2}$ bus. at 95c; 10 bus. at 90c; 25 bus. or over at 85c. Bags extra.

TREAT OATS WITH CERESAN TO PREVENT SMUT



Ceresan increased this oats yield 19.1 bushels per acre and gave perfect smut control.

At the Illinois Experiment Station Ceresan not only gave "perfect smut control" but also checked other diseases. In one experiment at Illinois, Ceresan increased the yield 14.2 bushels per acre. In another experiment with Big Four Oats there was an increase of 19.1 bushels per acre.

"Ceresan has given very good control of oat and barley smuts. * * * It is common to secure an increase of 10 or more bushels per acre when the seed is given the dust treatment." (Wis. Coll. of Agr. Circular No. 133.)

Ceresan does not injure the seed or the grain drill. No special equipment is necessary. Simply shake the grain and Ceresan together for 3 to 5 minutes in a discarded milk can, churn or oil drum. A pound treats 5 or 6 bushels.

We recommend very strongly that all our customers treat their grain with Ceresan.

(Ask for booklet, "Ceresan, a Seed Disinfectant for Cereals," also "Wis. Circular No. 133.")



Prices:

1 lb. size, 75c.
 5 lb. size, \$3.00.
 25 lb. size, \$12.50.
 100 lb. size, \$49.00.

(Not mailable.)

OLDS' SEED BARLEY

WHY BUY WISCONSIN SEED BARLEY?

Because Wisconsin is a great barley state, because Wisconsin barley leads the world and because great attention has been paid at the Wisconsin Experiment Station to the breeding and improving of new strains of barley. This work has been going on for 35 years or more beginning with Manshury, first put out away back in 1895.

WHY BUY OLDS' SEED BARLEY?

Because we specialize in growing plump, healthy stocks of the best Wisconsin strains and varieties, keeping them pure and clean by using great care in growing and in handling. We have done this for many years, with Manshury, then Mandscheuri, followed by Oderbrucker, then Wisconsin Pedigree, and finally Wisconsin Barbless. We have "Registered" and "Certified" stocks as well as standard stocks. See page 14 for explanation of "Registered" and "Certified."

WHY BUY NEW SEED THIS YEAR?

Because the prices are low. Two or three dollars per acre will cover the cost and an increased yield of only five bushels per acre will more than pay for the seed. And because seed of the new Wisconsin Barbless, the most perfect barley up to date is now available.

WISCONSIN BARBLESS (Pedigree No. 37)

The New, Heavy Yielding, Smooth Awn Barley.



We take great pleasure this year in offering for the first time this wonderful new Wisconsin Pedigreed Strain of Smooth Awn or Smooth Bearded Barley. It should be sown universally the coming season by all farmers who grow barley at all.

History. Work on Wisconsin Barbless began at the Wisconsin Experiment Station way back in 1916 when a black, smooth barley found growing in southern Russia was crossed with Oderbrucker. The object was to combine the yield, stiffness of straw and high quality of the Oderbrucker with the smooth awn of this Russian barley. When the first smooth, white heads appeared then the careful selections began for size of head, strength of straw, large kernel and disease resistance. The best selections were retained each year for quite a long term until all objectionable features were eliminated. Pedigree No. 37 was the first one that showed up well under all tests and the barley experts at the Wisconsin Station now recommend it with great enthusiasm.

THE VALUABLE FEATURES OF WISCONSIN BARBLESS ARE:

First—Smooth Beards. This makes the barley nice to handle and the straw more valuable for feeding. Some farmers say they would just as soon handle this barley as to handle oats.

Second—Resistance to Hot Weather. This barley is reported as from three to five days later than Oderbrucker and other rough bearded barley. This is not an objection but an advantage as this simply adds to the maturity period producing a larger kernel than the earlier varieties.

Third—Heavy Yielding Qualities. Our farmer growers around Madison have almost invariably secured heavier yields of this barley the past season than they ever had of Wisconsin Pedigree. One had a yield of 63 bushels per acre. The barley looks the same growing in the field as Wisconsin Pedigree but the kernels are plumper and larger and the heads longer. This explains the extra heavy yields. Krueger Farms reported a yield the past season of 632 bushels from 9 acres, or over 70 bushels per acre. The Wisconsin agronomists say, "While the yields varied somewhat with the season they always exceeded any of the common barleys tested against it." Sow Wisconsin Barbless therefore for a better barley with a bigger yield.

PRICES OF WISCONSIN BARBLESS NO. 37 FOR 1931.

Certified Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu. (48 lbs.), \$1.50; 2 bus. at \$1.45; 10 bus. at \$1.40; 25 bus. or over at \$1.35. Bags, holding two bushels each, extra at 30c.

Standard Seed—Bu., \$1.40; 2 bus. at \$1.35; 10 bus. at \$1.30; 25 bus. at \$1.25. Bags extra at 30c.



Velvet Barley on Krueger Farms. Yield, 57 Bushels Per Acre.

VELVET BARLEY (Minnesota No. 445)



This is the third season we have offered Velvet Barley. It is "Smooth-Awned" or "Barbless" the same as Wisconsin Barbless and has the same general characteristics. It was developed at the Minnesota Experiment Station in much the same way that Wisconsin Barbless was developed at the Wisconsin Station, but because put on the market earlier we think the selecting was not carried quite so near perfection as in the case of our Wisconsin strain.

Description. Velvet Barley is a plump, six-rowed barley much like Wisconsin Pedigree. The heads look just the same as the heads of Wisconsin Pedigree with beards about the same length but smooth instead of barbed. On this account it is much more valuable for feeding, both grain and straw, as well as nicer to handle.

Prices: ½ pk., 30c; pk., 40c; bu., \$1.25; 2 bus. at \$1.20; 10 bus. at \$1.15; 25 bus. or over at \$1.10. Grain bags extra at 30c.

Sheaf of Wisconsin Barbless, Grown by Otto Wolf, La Crosse County.



A Field of Olds' Wisconsin Pedigree Barley, Grown Near Madison. This Field Yielded 50 Bushels Per Acre.

WISCONSIN PEDIGREE BARLEY.

THE WORLD'S CHAMPION BARLEY.



Wisconsin Pedigree Barley has for years held its place as the leading variety of six-rowed barley. It is probably as good now as ever and will continue to be grown by the farmers of Wisconsin and other mid-western states for a reliable profitable crop. It has doubled the yield of common barley and has been worth millions of dollars to the farmers of Wisconsin alone.

It originated at the Wisconsin College of Agriculture and was the result of 12 years of painstaking breeding work. It still stands out above all previous varieties of barley for heavy yield, plump grain, stiff straw, large heads and great feeding value. Change your seed this year when the price is low. Secure some of our "Registered" or "Certified Seed" and have seed that is free from oats and other grains and that will produce a maximum yield. Five bushels additional yield will pay for the seed. You are reasonably sure of 10, perhaps 15, besides having the satisfaction of growing pure grain.

PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1931.

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 30c; pk., 45c; bu. (48 lbs.), \$1.35; 2 bus. at \$1.30; 10 bus. at \$1.25; 25 bus. or over at \$1.20. Bags, holding two bushels each, extra at 30c.
 Certified Seed: Bu., \$1.25; 2 bus. at \$1.20; 10 bus. at \$1.15; 25 bus. or over at \$1.10. Bags extra.
 Standard Seed: Bu., \$1.15; 2 bus. at \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00. Bags extra.



SPELTZ OR EMMER.

Farmers ought to sow more Speltz. It makes splendid feed and lots of it. Note the following points:

- First. It is perfectly hardy and can be grown anywhere.
 - Second. It yields more per acre than either oats or barley.
 - Third. It is adapted to dry regions. Withstands drouth.
 - Fourth. It stands up when oats and barley lodge.
 - Fifth. It makes a well balanced ground feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed.
- Sow the same as barley or oats about 100 pounds or 2 ½ bushels per acre. It ripens about with oats.

The speltz crop was not as large as usual the past season and good seed is scarce. We have our usual supply, however, of bright, pure seed speltz, grown in the Northwest, very fine seed.

Prices: By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 25c; pk., 35c; bu. (40 lbs.), \$1.00; 100 lbs., \$2.40; 500 lbs. at \$2.35; 1,000 lbs. at \$2.30. Jute sacks extra at 15c.

OLDS' BUCKWHEAT.

Sow buckwheat from June 10 to July 10, one bushel per acre.

JAPANESE. Succeeds well in the extreme north. The grain is very large, of dark brown color. Always higher in market than Silver Hull.

Prices: By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu. (50 lbs.), \$1.65; 2 bus. at \$1.60; 10 bus. at \$1.55; 25 bus. at \$1.50. Bags extra at 30c.

SILVER HULL. Silver Hull has a rather small grain, light gray in color, nearly round in shape. Earlier than Japanese according to the Wisconsin College of Agriculture. Very productive and fine for grinding. Prices: ½ pk., 30c; pk., 50c; bu., \$1.60; 2 bus. at \$1.55; 10 bus. at \$1.50; 25 bus. or over at \$1.45. Bags extra.

COMMON BUCKWHEAT. Our Common Buckwheat is really Silver Hull with some Japanese mixed with it. It is clean and nice and lower in price than the others.

Prices: Pk., 50c; bu., \$1.55; 2 bus. at \$1.50; 10 bus. at \$1.45; 25 bus. at \$1.40.

Note—Field Seed prices are subject to change after Feb. 15th. Ask for "Weekly Price List" after that date.

OLDS' SEED WHEAT



Field of Progress Wheat in Jefferson County. Farm of George H. Leonard.

PROGRESS WHEAT (Wisconsin Pedigree No. 1611)

The Wheat That Does Not Rust.

Progress is by all odds the best variety of spring wheat for Wisconsin. After another year's experience with it we are better pleased than ever and feel that its reputation is thoroughly established. The outstanding feature about it is that it **does not rust**. This is what they say about it at the Wisconsin Station: "Progress is a selection from the Early Java variety made at the Marshfield Station in 1915. The specific object in view was to get a wheat that would have a strong resistance to rust, and this strain is outstanding in this respect. It is a bearded, white glumed, hard red spring wheat, and is one of the highest yielders." We are glad to be able to offer this wheat as a heavy yielding wheat that is rust resistant. Prof. Leith reports that the past season Progress again gave a wonderfully fine plump berry and not enough rust to cause any damage.

PRICES OF PROGRESS WHEAT FOR 1931:

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 35c; pk., 60c; bu., \$1.75; 2 bus. at \$1.70; 10 bus. at \$1.65; 25 bus. at \$1.60. Bags extra at 30c.
Standard Seed: Pk., 50c; bu., \$1.55; 2 bus. at \$1.50; 10 bus. at \$1.45; 25 bus. or over at \$1.40. Bags extra.



Field of Marquis on a Dane County Farm.

MARQUIS SPRING WHEAT

Marquis is probably now the best known and most largely grown variety of spring wheat in the wheat regions of the Northwest. It has also proved a good wheat for Wisconsin and Illinois. It is a hard red wheat, grading No. 1 Northern, which brings the top price. The grains are short and thick and very plump, making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff, strong straw.

Our main stock of Marquis this year is fancy Montana grown. It is wonderfully fine wheat—large grain, plump, bright, clean and full of vitality. We have also a limited stock of Registered Wisconsin grown Marquis.

PRICES OF MARQUIS WHEAT FOR 1931:

Fancy Montana. By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu., \$1.60; 2 bus. at \$1.55; 10 bus. at \$1.50; 25 bus. or over at \$1.45. Jute sacks extra at 15c.
Wisconsin Registered Seed: ½ pk., 35c; pk., 60c; bu., \$1.75; 2 bus. at \$1.70; 10 bus. at \$1.65; 25 bus. or over at \$1.60. Bags extra at 30c.

DURUM WHEAT (Macaroni).

Durum usually outyields other spring wheat; is very hardy and is earlier. Our stock is extra fancy.

Prices: Pk., 50c; bu., \$1.60; 2 bus. at \$1.55; 10 bus. at \$1.50. Smaller quantities same as Montana Marquis.

WISCONSIN PEDIGREE NO. 2 WINTER. Hardest and best winter wheat for Wisconsin and Northwest.

Prices: Registered Seed: ½ pk., 30c; pk., 55c; bu., \$1.65; 2 bus. at \$1.60; 10 bus. at \$1.55; 25 bus. at \$1.50.

Standard Seed: Pk., 50c; bu., \$1.45; 2 bus. at \$1.40; 10 bus. at \$1.35; 25 bus. at \$1.30. Bags extra.

OLDS' SEED RYE

Wisconsin is one of the leading states in the production of rye. We have pure clean seed to offer of both Spring Rye and Winter Rye.

SPRING RYE.

Spring Rye should be more commonly grown. It is a valuable crop. Here are some of its good qualities:

First. It can be sown late in the spring, later than other spring grain.

Second. It is a splendid nurse crop for clover, as the crop is harvested early.

Third. It makes splendid pasture, furnishing green feed early in the spring.

Fourth. It is a great land cleaner, smothering out bad weeds.

Fifth. It does well on nearly all soils and can be grown on very poor land.

Sixth. It is superior to winter rye for both pasture and hay.

Seventh. It is a sure cropper, producing ordinarily 30 to 40 bushels per acre.

Our main stock of Olds' Spring Rye this year was grown in Chippewa County, northern Wisconsin and is unusually plump and nice. We would like to see a lot of our farmer friends sow some of this seed the coming season. The price is low.

Prices, by mail: Lb., 25c. By freight: Lb., 20c; 1/2 pk., 30c; pk., 50c; bu. (56 lbs.), \$1.55; 2 bus. at \$1.50; 10 bus. at \$1.45; 25 bus. at \$1.40. Bags extra.

WISCONSIN PEDIGREE WINTER RYE. Wisconsin's great variety. The result of 12 years' breeding at the Wisconsin Station. Heavy, plump kernels.

Present prices, by mail: Lb., 25c. By freight: Lb., 20c; 1/2 pk., 30c; pk., 40c; bu., \$1.15; 2 bus. at \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00. Bags extra.

ROSEN WINTER RYE. A new variety from Michigan, becoming famous everywhere. Greatly outyields ordinary rye. Prices, same as Wisconsin Pedigree.

OLDS' FLAX.

WILT RESISTANT. Wilt Resistant Flax, developed at the Minnesota Experiment Station is much superior to Common Flax and is proving a profitable and satisfactory crop for Wisconsin. The Minnesota Station bulletin says, "Wilt-resistant and rust-resistant varieties are essential for successful flax production."

Prices, By mail: Lb., 30c. By freight: Lb., 25c; 1/2 pk., 60c; pk., \$1.00; bu., \$3.25; 2 bus. at \$3.20; 10 bus. at \$3.15; 25 bus. at \$3.10. Bags extra at 30c.

BISON. A new variety of Wilt Resistant Flax recently produced at the Minnesota Station. Very large seeded and unusually promising.

Prices, By mail: Lb., 35c. By freight: Lb., 30c; 1/2 pk., 65c; pk., \$1.10; bu., \$3.50; 2 bus. at \$3.45; 10 bus. at \$3.40; 25 bus. at \$3.35. Bags extra.

OLDS' FIELD PEAS.



Field Peas at the Ashland Branch Station. (Courtesy of Prof. Delwiche.)

OLDS' WHITE CANADA FIELD PEAS.

Field Peas should be sown more largely. They make splendid hay. Prof. Mortimer of the Wisconsin Experiment Station says: "The best early seeded grass and legume mixture for emergency hay is oats and field peas." Sow 1 1/2 bus. per acre broadcast with the same amount of oats. White Canada, sometimes called Yellow Canada, is the best known and most popular variety of field peas. Our stock is Wisconsin grown and fine.

Prices, by mail: Lb., 30c. By freight: Lb., 25c; 1/2 pk., 50c; pk., 90c; bu. (60 lbs.), \$2.90; 100 lbs., \$4.75; 500 lbs. at \$4.50. Sacks free.

(Ask for Wis. Bul. 408, "Field Peas in Wisconsin.")

DWARF ESSEX RAPE.

Genuine Holland grown seed.

Dwarf Essex Rape makes quick pasture and is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle. It may be sown in the following ways:

First. In early spring, 5 to 10 pounds per acre.

Second. With spring grain or just as it begins to come up. 2 pounds per acre to provide pasture after harvest.

Third. With corn just before the last cultivation.

A word about the seed. We buy in car lots and handle only the best and purest Number One Genuine Holland Grown Dwarf Essex; seed that is entirely free from bird rape, mustard and everything of that sort. Seed is lower in price than usual this year. Sow plenty of it.

Prices, by mail: Lb., 35c. By freight: Lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.50; 25 lbs., \$2.25; 100 lbs., \$7.50; 500 lbs. at \$7.25. Bags free.

WHITE NAVY BEANS.

Prices, by mail: Lb., 35c. By freight: Lb., 30c; 1/2 pk., 90c; pk., \$1.70; bu., \$5.20; 100 lbs., \$8.50; 500 lbs. at \$8.25. Bags free.

EARLY WONDER BEANS.

A new variety and an improved strain of white beans of the Navy type. Recently introduced into the bean growing sections of Wisconsin.

Prices, by mail: Lb., 35c. By freight: Lb., 30c; pk., \$1.80; bu., \$5.50; 100 lbs., \$9.00; 500 lbs. at \$8.75.

WHITE KAFFIR CORN.

Makes the best kind of fodder for cattle or horses. Easily grown. The seed is splendid for poultry.

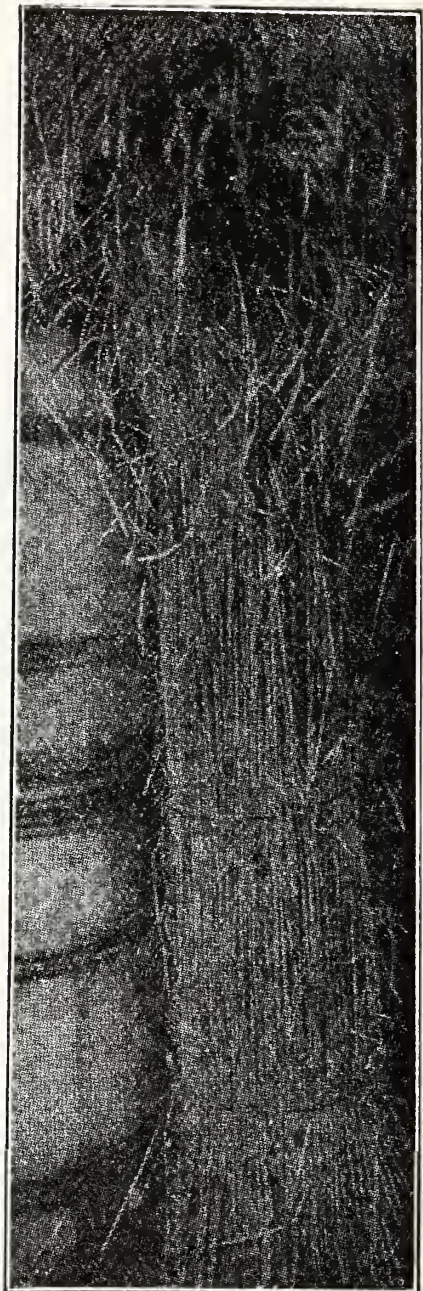
Fifteen pounds will seed an acre in rows.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$3.25; 500 lbs. at \$3.00. Sacks free.

MILO MAIZE.

Similar to Kaffir Corn but larger. Culture the same.

Prices: 100 lbs., \$3.35; 500 lbs. at \$3.10. Smaller quantities, same prices as Kaffir.



Spring Rye.



Dwarf Essex Rape Makes The Ideal Sheep Pasture.

OLDS' SOY BEANS

Soy Beans have come to stay. We can now say that they are really a staple crop in Wisconsin as well as in other states. We had a tremendous demand for seed again last year and expect to sell still more this year. The crop is again fine—clean, bright and high in germination and the price lower than ever before.

"When Clover Fails Plant Soy Beans," slogan of Wisconsin College of Agriculture.



Soy Beans on the Experiment Station Farm, Madison. (Courtesy Wisconsin College of Agriculture.)

WHY GROW SOY BEANS?

First. They yield large amounts of high protein forage, rich in feeding value. They not only make splendid hay, but are wonderful for silage, grown with corn.

Second. They contain as much fertility per acre as eight loads of stable manure.

Third. The mature beans ground into meal make wonderful high protein dairy feed.

Fourth. Soy Beans are more resistant to frost than corn and they also stand hot weather.

Fifth. They are adapted to nearly all soils and are especially valuable on soils too poor for other legumes.

Sixth. They are the only legume crop that will grow on acid soils and build up the land.

Seventh. They make a wonderful emergency crop when clover fails or when other crops are washed out or fail for any reason, as they can be put in late. Prof Mortimer places them first in the list of "Emergency Hay Crops."

CULTURE. If planted with corn 3 beans in each hill of corn is about right and this requires 3 to 5 pounds per acre. If planted alone, for hay or seed, in rows with corn planter or drill, a half bushel or a bushel of seed per acre may be profitably used, the beans about one inch apart in the row. Rowing and cultivating, however, is not necessary. Thousands of farmers now are planting in solid drill, using a harrow and caring for large fields at small expense. Do not plant too early. Never before corn planting time. Always inoculate the seed before planting. See page 5. Nitragin prices are lower than formerly. Ask for Wisconsin Bulletin No. 375, "Soy Beans a Good Legume Crop."



VARIETIES OF SOY BEANS

MANCHU

By far the most popular soy bean in all the states of the Middle West. It has jumped into prominence ahead of everything else. Early enough to fully mature under ordinary conditions and large enough to be of real value. It is a medium early variety, nearly as early as Ito San and quite a little larger. Matures dry beans in about 100 days. Originally from northern Manchuria. Seeds yellow with a peculiar black seed scar.

The favorite at the Wisconsin Experiment Station for hay and for silage and also for dry beans.

Prices: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 1/2 pk., 40c; pk., 70c; bu., \$2.35; 100 lbs., \$3.75; 500 lbs. or over at \$3.50. Sacks free.

ITO SAN

Popular early variety. Produces small yellow beans.

Prices: 1/2 pk., 40c; pk., 75c; bu., \$2.50; 100 lbs., \$4.00; 500 lbs. or over at \$3.75. Sacks free.

MIDWEST

Grows larger than any of our other varieties and makes more hay. Popular on that account. This is really the same variety as Medium Yellow and Hollybrook. Requires 120 days to mature dry beans.

Prices: 1/2 pk., 45c; pk., 85c; bu., \$2.80; 100 lbs., \$4.50; 500 lbs. at \$4.25. Sacks free.

ILLINI

Illini is a new Soy Bean which we offered for the first time last year. Developed at the Illinois Experiment Station from A. K. Described as a better yielder than other varieties, taller and with pods higher on the stem. One grower says it is like Manchu but a little larger and also a little earlier. Another grower says, "Earlier by at least a week than the Manchu and I believe will stand better in the field." The authorities at Urbana, however, think them a trifle later than Manchu.

Illini and Manchu are now the leading varieties in Illinois and Illini is displacing Manchu in some sections. It is likely to become very popular in Wisconsin as it is a little taller and larger than Manchu. Prof. Briggs, Soy Bean specialist at the Wisconsin College of Agriculture, says "I don't feel you will make a mistake offering this bean for sale for hay purposes in Wisconsin, or as far as that is concerned, with corn for silage."

Prices: 1/2 pk., 40c; pk., 70c; bu., \$2.35; 100 lbs., \$3.75; 500 lbs. at \$3.50. Sacks free.

NOTE:—Prices are subject to change after Feb. 15th. Consult "Weekly Price List." We advise ordering early as prices are likely to be higher before spring. All prices include sacks. 2 oz. pkt. any variety soy beans 5c, post-paid. Pound prices, all varieties, same as for Manchu.

OLDS' SUDAN GRASS.

"GREAT FOR LATE PASTURE"—(Wis. Coll. of Agr.)



Prof. Mortimer, of the Wisconsin College of Agriculture, places Sudan Grass second in value on the list of "Emergency Hay Crops," next to soy beans and better than millet or field peas. The following are some of the reasons why it is valuable:

First. It makes a heavy yield of hay, outranking all the millets in yield per acre. Yields of 2 to 4 tons of cured hay per acre from one cutting are common in Wisconsin. Two cuttings a season can often be made.

Second. It can be pastured. After the hay crop is taken off it makes a fine late pasture as it grows up again quickly. Or, it can be pastured all the season instead of being cut for hay. Prof. Mortimer says: "It is great for late pasture. Sown in June it is ready in August when the blue grass pasture is dried up."

Third. It makes a better quality hay than millet and is easily cured. It makes wonderful hay grown with soy beans and it helps to cure the soy beans.

Fourth. It can be sown late, after you are through with your corn, or when corn fails. Sow any time from May 15th to July 1st, 20 to 25 pounds per acre. Do not sow too early. It is strictly a warm weather crop and if put in too early the seed will rot.

Fifth. It withstands long periods of drouth.

Sixth. It is very valuable as a smother crop, especially for quack.

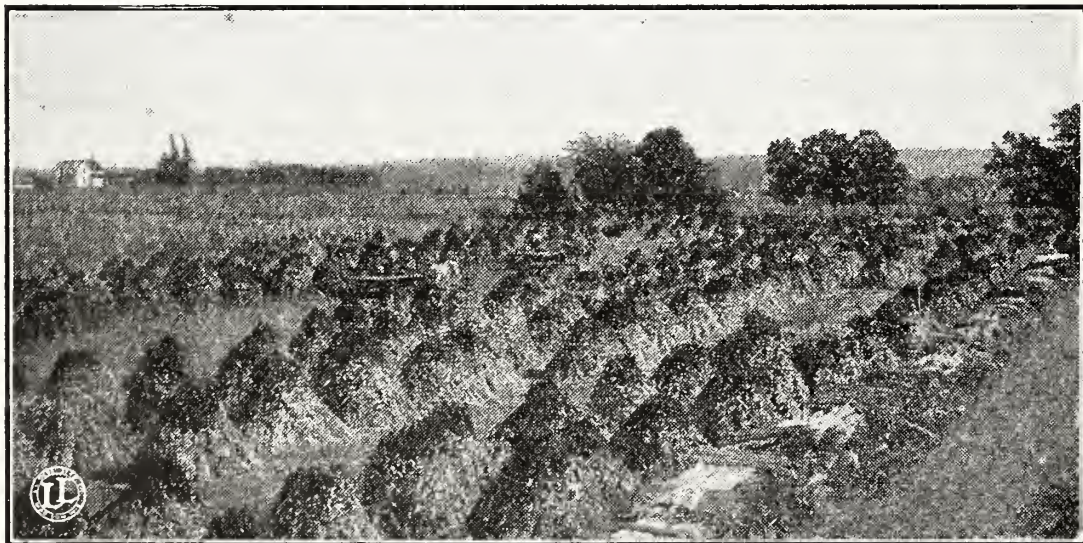
We recommend Sudan Grass very highly. It grows quickly, produces enormously and is an easy crop to handle. It is strictly an annual and dies down at the end of the season. It has come to stay and is proving a staple crop in Wisconsin. After another year's experience with it at the University of Wisconsin farm here at Madison they are more enthusiastic over it than ever before especially as a "late pasture crop." The seed is a little higher than last year owing to short crop but the cost per acre for seed is not large.

Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 60c. By freight: Lb., 25c; 5 lbs., 75c; 10 lbs., \$1.25; 100 lbs., \$9.00; 500 lbs. or over, at \$8.75. Sacks included.

Ask us for Wisconsin Bulletin No. 359, "Emergency Hays and Pastures," mailed free on request.



Sudan Grass and Soybeans Growing Together.
(Courtesy Wisconsin College of Agriculture)



Field of Olds' Improved Early Amber, Grown in Minnesota.

OLDS' EARLY AMBER CANE (SORGHUM)



Olds' Early Amber Cane Seed is Minnesota grown and from the largest sorghum growers in the United States, where they make a business of scientifically producing cane with the highest possible sugar content. The seed is absolutely pure Early Amber.

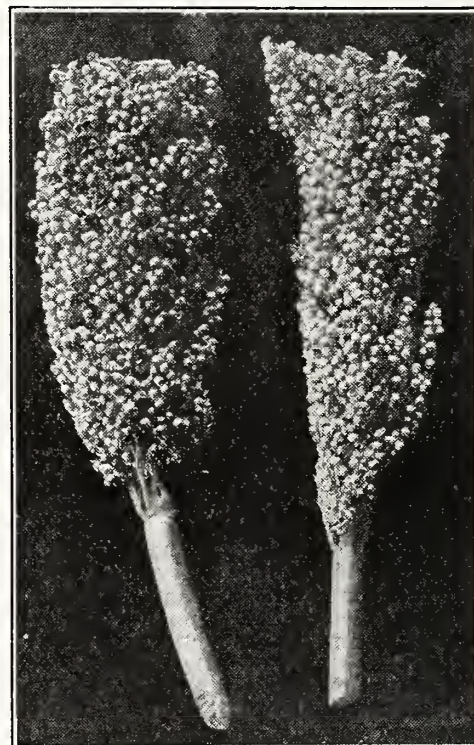
Prices, by mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.50; 100 lbs., \$6.50; 500 lbs. at \$6.25. Sacks free.

SOUTHERN EARLY AMBER CANE.

Use for fodder only. Not equal to our Minnesota seed but good.

Prices: 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$5.50; 500 lbs. at \$5.25.

Note—Sacks free for everything on this page. Write for special prices in large quantities. All Field Seed prices are subject to change after February 15th. Ask for "Weekly Price List" after that date.




Feterita, the Great Drouth-Resister.

FETERITA.

Earlier than Kaffir Corn, out-yields it and little affected by drouth. Culture, same as for Kaffir.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Sacks free.

OLDS' MILLETS, SUNFLOWER, SAND VETCH.



WHITE WONDER MILLET

THE BEST MILLET.

White Wonder is the best of all the millets in our judgment.

First. It produces more tons of hay per acre than any other millet.

Second. In spite of the very large growth the foliage is thick, with numerous broad leaves so that it furnishes a high grade of millet hay.

Third. White Wonder is earlier than either German or Common Millet and is well adapted to the north.

Fourth. It outyields any other millet as a seed crop. C. L. Newhouse, of Rock County, Wisconsin, secured an average yield of between 50 and 60 bushels of seed per acre.

Fifth. It has much longer and larger heads than any other millet. That is the reason for the big yield.

We recommend White Wonder most highly.

Prices, by freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.60; 500 lbs. at \$4.35. Bags extra.



GERMAN MILLET.

Most popular of all the millets. A tall growing variety with large stout stems, leaves broad and stiff. Seed of a yellow or golden color. For seed sow at the rate of 12 to 15 pounds and for hay sow about 30 to 40 pounds per acre. Millet may be sown from May 15th to July 1st.

Prices: By freight: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.85; 500 lbs. at \$4.60. Grain bags extra at 30c.

COMMON MILLET. A little earlier in season than German Millet. Leaves are rather broad and not as stiff as German, and seed heads are smaller. Seed is white instead of yellow. Many farmers prefer it to German.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.35; 500 lbs. at \$4.10. Grain bags extra.

SIBERIAN MILLET. Hardier and earlier than German Millet. Reddish seed. Popular in the Northwest.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Bags extra.

HOG OR BROOM CORN MILLET. Makes inferior hay, unless cut very young, but yields enormous quantities of large, plump seed, very valuable for poultry.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.00; 500 lbs. at \$2.75. Bags extra.

JAPANESE MILLET. (Billion Dollar Grass). A very large millet adapted to all sections. Specially fine for low ground. Makes more hay than German Millet and requires less seed per acre. Sow in May or June, 20 to 25 pounds per acre. The seed is plentiful this year and price in line with other millets.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.75; 500 lbs. or over at \$4.50. Bags extra.

(One pound, any variety of millet, by mail, 25c; 3 lbs., 60c. By freight: Lb., 20c.)

MAMMOTH RUSSIAN SUNFLOWER.

A great feed for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. It makes a much larger amount of feed than ensilage corn. Prof. E. J. Delwiche of the Ashland Experiment Station, reports that sunflower greatly outyielded corn for the tenth consecutive season, yielding 14.4 tons of silage per acre while corn yielded only 4.22 tons.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 80c. By freight: Lb., 30c; 5 lbs., 75c; 10 lbs., \$1.25; 100 lbs., \$7.00; 500 lbs. at \$6.75. Bags free.

(Ask for Wisconsin Circular No. 220, "Sunflowers for Silage.")

SAND VETCH OR WINTER VETCH

A very valuable leguminous plant, especially for lighter soils. Can be sown in either spring or fall. Sow 15 to 20 pounds of vetch and ½ bushel grain per acre, oats or barley in the spring, rye in the fall. Makes very fine fall and winter pasture and it can also be pastured in early spring.

Prices, by mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00; 100 lbs., \$13.50; 500 lbs. at \$13.25. Bags free.



Sand Vetch and Rye as Emergency Hay Crop.
(Courtesy Wis. Coll. of Agr.)

Japanese Millet.

Note—All Field Seed prices are good until February 15th only. Ask for "Weekly Price List" after that date.

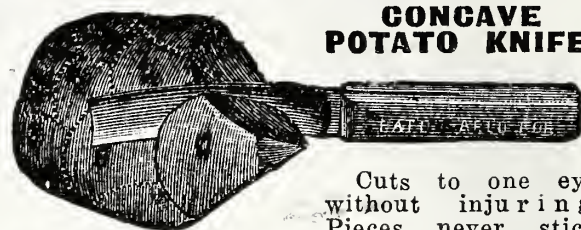
OLDS' SEED POTATOES



LOW PRICES THIS YEAR. We are pricing our Seed Potatoes this year 85c to \$1.00 per 100 pounds lower than last year in spite of the fact that the potato crop in Wisconsin is 10 per cent less than last year and in Minnesota 20 per cent less. The supply of good seed stock, especially certified stock, is decidedly smaller than last year. Furthermore, freight rates are lower as potatoes travel now at the fourth class rate instead of third class as formerly. This means a saving of around 25 per cent in freight. Your seed potatoes therefore will cost you very much less than last year, at any rate, if you buy them of us and order before the prices go up.

STANDARD VARIETIES. Of late years the introducing of new varieties of potatoes has been rather discouraged and efforts have been concentrated on improving a few standard varieties that have been found to be the most satisfactory so that now we have only a comparatively few varieties, the best early and best late sort. Our constant aim now is to have the healthiest and most productive strains of these standard varieties.

CERTIFIED STOCK. Most of our potatoes are state certified. The early varieties except Irish Cobblers are Red River grown and are Minnesota or North Dakota State Certified, while the late varieties and the Cobblers are northern Wisconsin grown and Wisconsin State Certified. This means in both cases that they were inspected while growing in the field by an official state inspector and again in the bin after being dug and both times passed the necessary requirements. The stock is free from mixture, free from late blight rot, black leg, powdery scab and from serious infection with any other disease and conforms reasonably to the correct vine and tuber characteristics of the variety. The stock must be graded to a minimum size of 1 1/2 inches in diameter. The Wisconsin Certified stock must also comply with the requirements of "Badger State Brand."



Cuts to one eye without injuring. Pieces never stick together. **P r i c e,**

35c; 3 for 90c, postpaid.


U. S. GOVERNMENT GRADE NO. 1. We offer at lower prices, stock of most varieties that is uncertified, but that conforms to the requirements of U. S. Grade No. 1. That is, stock that is practically free from scab, blight, dry rot and damage caused by disease and graded to a minimum size of 1 1/2 inches. The stock is all northern grown, coming from the same sections as the certified stock and practically pure. This is very desirable seed stock.

CONTAINERS FREE. Our barrels contain exactly 172 pounds each, net weight, and prices include barrels. Smaller orders are shipped in sacks or boxes. No charge for containers or any kind for potatoes. We begin shipping in March, securing refrigerator service and lining barrels up to April 1st. After that we ship mostly in sacks. They are of course cheaper than barrels. The sack is the unit now rather than the barrel.

PRICES SUBJECT TO CHANGE. The prices given in this catalog are good until February 15th only. After that date they will probably be higher. At this writing, Dec. 1st, it looks as if all good seed stock, both certified and uncertified, would be wanted at good prices. The total potato crop in Wisconsin and Minnesota is way short, eighteen million bushels in Wisconsin as against twenty-eight million, the five-year average, and the general feeling on the part of all leading potato men is very bullish. We advise therefore that you order early.

OLDS' IMPROVED RED RIVER EARLY OHIO

The well known dependable all-around early variety.

 Early Ohio has long been the most popular early potato in the country. Its earliness, smoothness and shallow eyes are its outstanding features. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality. A large percentage of the so-called Ohios throughout the country, however, are badly mixed. It is even very common to find Ohios all mixed up with Early Rose or some other variety with smooth skin and pointed ends. A typical Early Ohio should have blunt rounded ends, with the cluster of eyes at the seed end right out flush with the surface.

Our illustration which is from an actual photograph shows just how Olds' Famous Improved Red River Grown Early Ohios look. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock, shipping them all over the country.

We have both certified and uncertified stock of Red River Early Ohios. Both stocks are fine. The uncertified stock or U. S. No. 1 is practically pure and practically free from disease and is splendid seed stock; way ahead of ordinary Early Ohios.

Our Red River Early Ohios do not run quite as large as usual this year, but they are all the better for that. They run from medium to large medium, just the right size for the best seed stock. We never had nicer Ohios for seed purposes. Order early before our stock is exhausted.

PRICES OF OLDS' IMPROVED RED RIVER EARLY OHIOS FOR 1931.

Certified Stock: 1/2 pk., 40c; pk., 70c; bu., \$2.40; 2 bus. at \$2.30; bbl. (172 lbs.) \$7.10; 10 bus. (in sacks) at \$3.75 per 100 lbs. Containers free.

U. S. Grade No. 1: 1/2 pk., 35c; pk., 60c; bu., \$2.10; 2 bus. at \$2.00; bbl., \$6.25; 10 bus. (in sacks) at \$3.25 per 100 lbs.

OLDS' CERTIFIED IRISH COBBLER.



Irish Cobbler seems to continue to increase in popularity. People like a white potato. It is famous now the country over. First grown for early market by the truckers of New Jersey and Virginia and other Atlantic coast states, from there its popularity extended throughout the whole of the United States. It is a pure white potato, nearly round in shape with eyes more pronounced than in the Early Ohio.

On our trial grounds Irish Cobbler yielded a third more than Early Ohio, although not quite as early. The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy.

Our Certified Irish Cobblers this year are from L. S. Jacobson and Son, Forest County, northern Wisconsin. These people have an unusually choice strain of Cobblers and have taken many prizes. They write, "We try and take very good care of what we grow, selecting and treating the seed and spraying at least six times." Mr. Jacobson is Vice President of the Wisconsin Potato Growers' Association. Our Uncertified Cobblers are also northern Wisconsin grown, choice select seed stock, from Sawyer County. We believe that Cobblers in the northern part of our own state grow smoother than in the Red River country and the eyes are not so deep. They cost less also because the freight is less.

Prices, Certified Stock: 1/2 pk., 40c; pk., 70c; bu. (60 lbs.), \$2.35; 2 bus. at \$2.25; bbl. (172 lbs.), \$6.95; 10 bus. (in sacks) at \$3.65 per 100 lbs. Barrels and sacks free.

U. S. Grade No. 1 (Uncertified): Pk., 60c; bu., \$2.05; 2 bus. at \$1.95; bbl., \$6.10; 10 bus. or over (in sacks) at \$3.15 per 100 lbs.

OLDS' RED RIVER TRIUMPH

Bliss' Triumph is a standard extra early. The earliest in fact of all varieties. Largely grown now for market in the South and Southwest. The tubers are nearly round, smooth, reddish pink in color.

Our Triumphs cannot be excelled. They are smooth, uniform, round, very desirable in shape and size. This year both our Certified and Uncertified stocks are Red River grown. We believe the Red River Valley grows the best Triumphs and they are not troubled with mosaic there as in Wisconsin.

Prices, Certified Stock: 1/2 pk., 40c; pk., 70c; bu., \$2.45; 2 bus. at \$2.35; bbl., \$7.25; 10 bus. or over at \$3.85 per 100 lbs. Barrels and sacks free.

U. S. Grade No. 1: Pk., 60c; bu., \$2.15; 2 bus. at \$2.05; bbl., \$6.40; 10 bus., \$3.35 per 100 lbs.



First Prize Irish Cobblers, Grown by L. S. Jacobson & Son.



Olds' Certified Red River Triumphs.

GROW A LARGER CROP WITH IMPROVED SEMESAN BEL

The Instantaneous Seed Potato Dip.

Fifty per cent of all seed potatoes planted in the United States carry disease in some form. This means decreased yields. Much of this loss can be prevented by treating seed before planting with Semesan Bel.

Semesan Bel is effective in controlling such seed borne diseases as scab, rhizoctonia and black leg.

Semesan Bel protects the seed pieces from rotting.

Semesan Bel improves germination and usually produces a bigger crop.

Paul A. Johnson, Iowa County Agent, writes: "When tested on Cobblers, Semesan Bel treated seed produced 166 bushels per acre, while only 78.3 bushels were obtained from untreated seed of the same lot, resulting in an increase of 88 bushels, or about 113 per cent."

Semesan Bel is easily applied. Just mix with water, dip your potatoes, drain and plant. One man can treat from 200 to 400 bushels per day.

Improved Semesan Bel. Semesan Bel has been improved and made much stronger and more effective for 1931. One pound now will treat 60 to 80 bushels of seed, whereas formerly a pound was required for 16 to 22 bushels.

Prices of Semesan Bel: 4 oz. size, 50c; 1 lb. size, \$1.75; 5 lb. size, \$8.00; 25 lb. size, \$31.25. Not mailable.

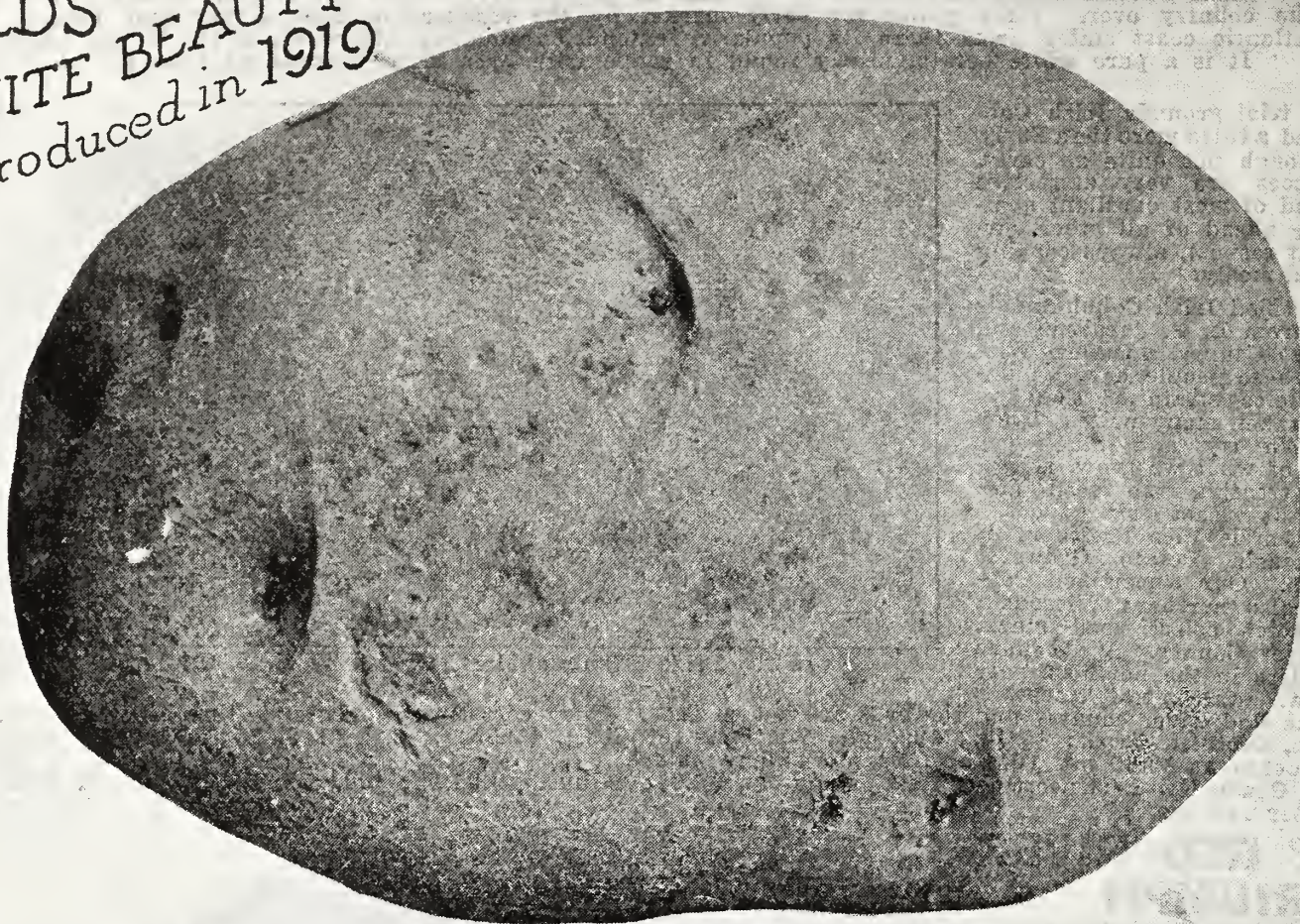


Ask for booklet, "Semesan Bel, Instantaneous Dip for Potatoes."



Treated and Untreated Potatoes on a North Dakota Farm.

OLDS'
WHITE BEAUTY
Introduced in 1919



OLDS' WHITE BEAUTY



We introduced this potato twelve years ago. It is a heavy yielding, high quality, main-crop variety. It has a distinct origin starting from a single seed ball in 1911.

Description. Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms. Season medium, a little earlier than Rural.

Olds' White Beauty is a variety of real value. In the first place it can be sold in the large potato markets for Rural New Yorker, the standard main crop variety; but while it resembles Rural it is better. The color is a creamy white instead of pure white and it is slightly russet like the old Snowflake, indicating quality. Then, for yield it surpasses everything. The North Dakota Experiment Station reported an official yield on it of 466 bushels per acre. On our trial grounds White Beauty outyielded Rural New Yorker, Green Mountain, White Mammoth and Carman No. 3 and the tubers were the finest in appearance of any.

Our White Beauties this year are all Northern Wisconsin grown from Mr. N. B. Dexter, Sawyer county, who has furnished us such fine stock in the past. The stock is all State Certified, being certified as Rurals as the State calls our White Beauty a very desirable strain of Rurals.

PRICES OF OLDS' WHITE BEAUTY FOR 1931:

Certified: Half pk., 40c; pk., 70c; bu., \$2.45; 2 bus. at \$2.35; bbl., \$7.25; 10 bus. at \$3.85 per 100 lbs.

112 Pounds from 1½ Pounds.

J. S. Johnston, Wisconsin, writes: "I got three pounds of your White Beauty Potatoes from you last spring. I planted 1½ pounds of them and raised 112 pounds of fine potatoes. My brother-in-law planted the other 1½ pounds. They were just as good but he did not weigh them."

J. L. Plumlee, Utah, writes: "Olds' White Beauty I got of you three years ago is the finest in the land."

Mrs. S. S. Graves, Wisconsin, writes: "Would you please mail me one of your seed catalogs, as I have more faith in your seeds than any. We have bought of you for 20 years and our parents bought of you for years before. Mr. Graves' father, a prize seed corn grower, always recommended your seeds, saying they were always just as you represented them to be. The potatoes we bought of you were the best."

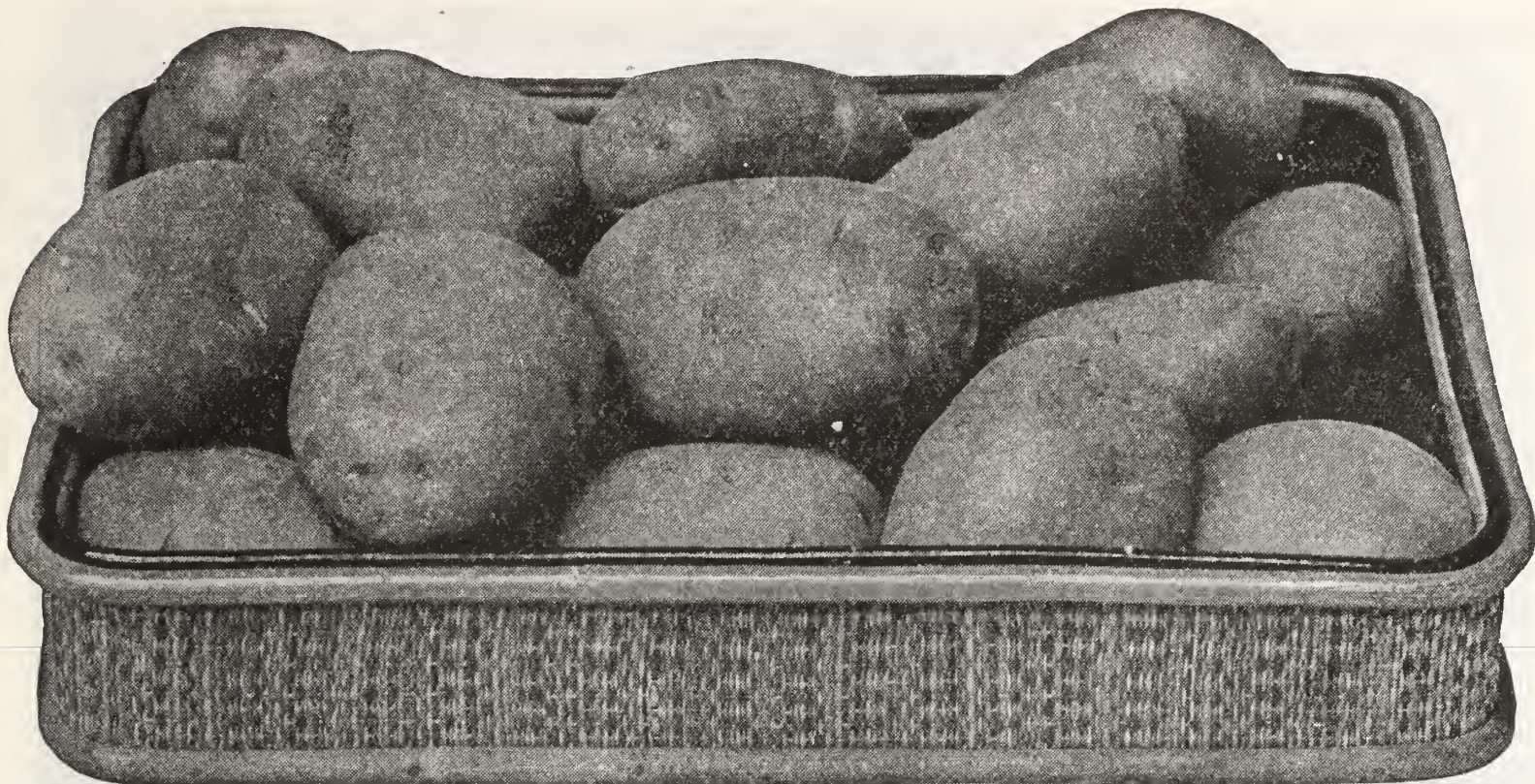
45½ Pounds from 13 Eyes.

F. O. Harrington writes: "I am enclosing a small order for seeds. A year ago I received from you among other seeds one pound of your White Beauty potatoes. In planting I cut to single eyes, planting one in a hill, just 15 eyes. When nearly matured I dug two hills and we ate them and all thought them of fine quality. From the remaining 13 hills we harvested and now have on hand for planting this spring 45½ lbs., or an average of 3½ lbs. per hill, almost the yield that you quote in your present catalog that Prof. Waldren obtained at the North Dakota Agricultural College and for good reason my small patch where these were planted received but half the cultivation that my larger field patch elsewhere had. So I think the trial of White Beauty very satisfactory."

CERTIFIED SEED PAYS. Langlade County farmers the past season secured a yield per acre of 300 bushels from healthy, certified seed as against 180 bushels from common seed. Certified Seed Potato growers in the same county increased in number from 5 in 1927 to 20 in 1929 and the acreage from 55 acres to 320.



Children of Hans Jacobson on the Dexter Farm. They, too, take pride in White Beauties, both Potatoes and Dog.



Olds' Certified Stock of Improved Rural New Yorkers.

OLDS' IMPROVED RURAL NEW YORKER.

MOST POPULAR MAIN CROP POTATO IN NEARLY ALL SECTIONS

Rural New Yorker is by far the most popular main crop variety in cultivation today. Its outstanding characteristics are its beautiful smooth white skin, its inconspicuous eyes and its great yielding qualities. It does the best of any variety as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other variety. It is easily grown, a good keeper and always yields well. As a rule the quality is all right too.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals, all northern Wisconsin grown, from Sawyer County and other northern counties. Ask for special prices in large quantities and for new prices after February 15th.

PRICES OF OLDS' IMPROVED RURAL NEW YORKER FOR 1931:

Certified: $\frac{1}{2}$ pk., 40c; pk., 70c; bu., \$2.35; 2 bus. at \$2.25; bbl., \$6.95; 10 bus. or over, in sacks, at \$3.65 per 100 lbs. Barrels and sacks included.

U. S. Grade No. 1 (Uncertified): $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$2.05; 2 bus. at \$1.95; bbl., \$6.10; 10 bus. or over, in sacks, at \$3.15 per 100 lbs. Barrels and sacks free.

Pound Prices. Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 25c; 3 lbs., 50c; postpaid. By freight or express: Lb., 20c. Not less than one pound of a variety sold.

Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list, half of each, at barrel rates, plus 20 cents; 3 varieties, at barrel rates, plus 35 cents. Barrels and sacks are free.

Prices Subject to Change. Prices are in effect until February 15th. Ask for "Weekly Price List" after that date.

POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each, labeled and carefully packed in damp moss in paraffin lined boxes. Orders will be filled at the right time for planting. We guarantee safe arrival in good condition.

F. B. Spear, Kansas, writes: "The potato eyes which I got of you did exceedingly well. Every one made a hill of fine potatoes."

PRICES OF POTATO EYES, ALL VARIETIES:

- 160 Eyes, (one box) one variety, your selection, \$1.50 by mail, postpaid.
- 160 Eyes, (one box) two varieties, your selection, \$1.60, postpaid.
- 160 Eyes, (one box) four varieties, your selection, \$1.70, postpaid.
- 480 Eyes, (3 boxes) all one variety, \$3.50 by express, not prepaid.
- 480 Eyes, (3 boxes) three varieties, \$3.75 by express, not prepaid.

(No orders accepted for less than 160 eyes.)

SUGGESTIONS TO POTATO GROWERS.

USE FERTILIZER.

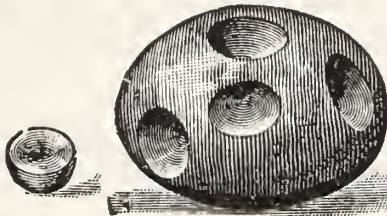
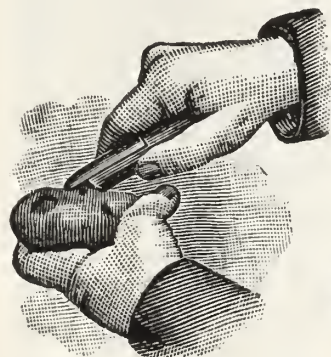
If there is any one crop more than another where it pays to use Commercial Fertilizers that crop is the potato crop. The outstanding success of the potato farmers of the northern counties of Wisconsin has been due to the intelligent use of fertilizers more probably than to any other one thing. See our list of fertilizers on page 92 of this catalog. Ask for the bulletin, "Fertilizing Potatoes," also "Plant Food."

TREAT THE SEED FOR SCAB AND OTHER DISEASES.

Note what we say about Semesan Bel on page 25. We believe it will pay everyone who plants potatoes, in a large way or a small way to use Semesan Bel. Ask for one of the booklets. We also handle Formaldehyde, Bordeaux, etc. See page 93.

SPRAY FOR BLIGHT AND FOR BUGS.

Use Arsenate of Lead or Calcium Arsenate with Bordeaux Mixture. You will find those and other spray materials on page 93 and Sprayers on page 91. Note also the Tools we offer for potatoes and other crops, pages 88, 89 and 90. These small items can be shipped with potatoes or field seeds at practically no expense for transportation.



POTATO SEED-BALLS BY THE BUSHEL.

POTATO BALL SEED.

Hybridized potato seed from the balls. Every seed makes a distinct variety. Pkt., 15c; 2 pkts., 25c, postpaid.



OLDS' VEGETABLE SEEDS

HIGH QUALITY SEEDS. Our Vegetable Seeds are of the highest quality. There are none better. We are proud of our stocks and take satisfaction in the fact that we have only the best. Other catalogs may use more superlatives and colored pictures but pictures and words do not make the seeds better. Our customers want the best seeds obtainable. The labor and time involved in producing a crop are far greater than the cost of the seed and no matter how much time is spent, inferior seeds will produce inferior crops.

OUR SEEDS CAREFULLY GROWN. Olds' Seeds are grown with the utmost care. Special stock seed is used, seed that has proven will produce high yields, early maturing and uniform vegetables. Many items are grown from hand selected roots. The crops are all carefully hand rogued and any plants that are off type and do not come up to our standards are immediately removed. Each lot of seed when cleaned and ready for packing is tested for germination. Any lot not coming up to our standard is discarded. Furthermore, the Wisconsin Seed Law requires high standards of germination for all garden seeds sold by Wisconsin dealers. After our seed has passed the germination tests it is put in packages of different sizes. Each package is stamped with the stock letter which has been given to the particular stock seed used. If you wish further information in regard to any seed received from us, give us the stock letter and then we can tell you all about it. Seed grown in this exacting manner costs more to produce but by careful management and economy in catalog expenses we are able to keep our prices in line with those of any other reliable house. We aim to have just enough seed to carry us through the season as we do not want to carry over stocks. Our customers always want fresh seeds. Last year we sold out over 270 separate stocks of vegetable seeds alone. Order early so as not to be disappointed.

GUARANTEED SEEDS. See what we say about guaranteeing quality on the first page of the catalog. Our seeds must prove as represented. If they do not we cheerfully refill or refund.

CATALOG ARRANGEMENT. Our vegetables are arranged as nearly as possible in alphabetical order. Cultural directions are found at the tops of the pages and also helpful hints and pointers for the different crops. Keep your catalog handy to use as a guide throughout the season. Varieties which are starred are those specially recommended for general cultivation, and where our trade mark appears it indicates a variety which we have been active in introducing.

UNSOLICITED TESTIMONIALS. Each year we receive hundreds of letters praising our seeds. Some of those we received last year we are printing in this catalog. They were sent to us unsolicited and usually accompanied an order.

MARKET GARDENERS' PRICE LIST. If you are a large planter and order seeds in large amounts use the prices shown on the following two pages. These are freight prices and do not include transportation. These prices will save you money on large orders. Where small amounts are wanted use our regular prices as shown in the catalog. These are all postpaid prices.

IT PAYS TO HAVE A GARDEN.

We all know of the depression which prevails throughout the country. It seems to affect both the city man and the farmer. The farmer, however, usually has a garden and is assured of food. The city man of late years has given up his garden and has spent most of his spare time at golf, driving his car and other pastimes. This winter many of these same people will be without food and will perhaps be objects of charity. We should all look back on the experiences of 1930 and profit by our mistakes.

Spade up the back yard and put in a garden. Grow vegetables and reduce household expenses. A lot of enjoyment and healthful exercise can be had by working in the garden. Save the money that you would otherwise spend on expensive pastimes.

You cannot usually have your vegetables fresh if you have to buy them and yet, vegetables when fresh contain the greatest amount of food value. Sweet Corn and Peas are at their sweetest when brought direct from the garden to the kitchen and cooked within a short time. The same is true more or less of the other vegetables. Start the year 1931 right! Plant a garden and work it yourself! Health and profit will be your reward.

Market Gardeners' Wholesale Price List

NOTE: These prices are for planters who use seeds in large quantities. Prices do not include transportation. Goods will be shipped by freight or express the purchaser paying the transportation charges. No charge will be made for bags or packing. If larger amounts than quoted are wanted, write us for prices.

BEANS.

5 lbs. at 10 lb. rate and 50 lbs. at 100 lb. rate.

No.	10 lbs.	25 lbs.	100 lbs.
12	Improved Red Valentine \$2.20	\$5.25	\$19.00
13	Bountiful	2.70	6.50 23.00
14	Navy Beans	1.25 (for larger quantities, write for prices).	
15	Burpee's Stringless Green Pod	2.10	5.00 18.00
16	Giant Stringless	2.10	5.00 18.00
19	Refugee	1.90	4.50 17.00
20	Improved Golden Wax	1.80	4.25 16.00
20½	Early Stringless Wax	2.00	4.75 18.00
22	Davis White Wax	2.10	5.00 18.00
24	Pencil Pod	1.90	4.50 17.00
26	Webber Wax	1.90	4.50 17.00
27	Hodson's Wax	2.10	5.00 18.00
30½	Dreer's Pole Lima	2.50	6.00 23.00
31	Henderson's Bush Lima	2.10	5.00 19.00
33	Ford's Mammoth Pole Lima ..	2.50	6.00 23.00
34	Burpee's Bush Lima	2.60	6.25 24.00
34½	Fordhook Bush Lima	2.90	7.00 27.00
38	Kentucky Wonder	2.10	5.00 18.00
38½	Kentucky Wonder Wax	2.20	5.25 20.00
39	Scarlet Runner	3.00	7.25 28.00

SWEET CORN.

No.	10 lbs.	25 lbs.	100 lbs.
135½	Early July	\$2.00	\$4.75 \$18.00
136	Mammoth White Cory	1.50	3.50 13.00
138½	Howling Mob	2.00	4.75 18.00
139	Early Champion	1.50	3.50 13.00
139½	Country Gentleman	2.80	
140½	Black Mexican	1.70	4.00 15.00
141½	Golden Cream	2.00	7.00 26.00
142	Golden Bantam	1.60	3.75 14.00
142½	Bantam or Golden Evergreen	2.00	4.75 18.00
144	Golden Gem	(See inside front cover).	
145	Early Evergreen	1.60	3.75 14.00
147	Stowell's Evergreen	1.60	3.75 14.00
148	Golden Sunshine	2.30	5.25 20.00

POPCORN.

No.	10 lbs.	25 lbs.	100 lbs.
150	White Rice	\$1.30	\$3.00 \$11.00
151	Queen's Golden	1.40	3.25 12.00
154	Blue Beauty	1.30	3.00 11.00
154½	Tom Thumb	1.50	3.50 13.00

PEAS.

No.	10 lbs.	25 lbs.	100 lbs.
320	Surprise	\$2.00	\$4.75 \$18.00
320½	Olds' Extra Early	1.80	4.25 16.00
322	Tall Telephone	1.80	4.25 16.00
323	Alaska	1.60	3.75 14.00
324	Gradus	1.80	4.25 16.00
324½	Laxtonian	1.90	4.50 17.00
325	Nott's Excelsior	1.80	4.25 16.00
326	Improved Stratagem	2.00	4.75 18.00
327	Champion of England	1.80	4.25 16.00
329	Little Gem	1.80	4.25 16.00
330	American Wonder	1.80	4.25 16.00
333	English Wonder	2.20	4.75 18.00
334	Thomas Laxton	2.00	4.75 18.00
335	Dwarf Telephone	1.90	4.50 17.00
336	Laxton's Progress	2.20	5.25 20.00
339	Little Marvel	1.80	4.25 16.00
341	Mammoth Luscious Sugar ..	2.80	6.75 26.00

ASPARAGUS.

No.	½ lb.	Lb.	5 lbs.
3	Martha Washington	\$0.75	\$1.40 \$6.50
6	Mary Washington .....	.70	1.30 6.00

BEEF.

No.	½ lb.	Lb.	5 lbs.
40	Early Egyptian	\$0.40	\$0.70 \$3.00
40½	Fireball .....	.45	.80 3.50
41	Improved Early Blood Turnip..	.45	.80 3.50
43	Early Wonder .....	.50	.90 4.00
44	Early Eclipse .....	.45	.80 3.50
45	Early Model .....	.50	.90 4.00
48	Detroit Dark Red .....	.50	.90 4.00
51	Crosby's Egyptian .....	.50	.90 4.00
52	Crimson Globe .....	.40	.70 3.00
52½	Lucullus Swiss Chard .....	.50	.90 4.00

MANGELS.

No.	½ lb.	Lb.	5 lbs.
55	Mammoth Long Red	\$0.22	\$0.35 \$1.50
56	Golden Tankard .....	.28	.45 2.00
59½	Danish Sludstrup .....	.28	.45 2.00
63	Giant Half-Sugar .....	.25	.40 1.75
61	Klein Wanzleben .....	.25	.40 1.75

CABBAGE.

No.	½ lb.	Lb.	5 lbs.
65	Brussel's Sprouts, Danish....	\$1.00	\$1.90 \$ 9.00
70	Early Jersey Wakefield	1.15	2.15 10.25

No.	½ lb.	Lb.	5 lbs.
72	Charleston Wakefield	1.15	2.15 10.25
73	Golden Acre	2.40	4.70 23.00
75	All Head Early	1.25	2.40 11.50
76	Wisconsin All Seasons	2.00	3.90 19.00
77	Wisconsin Globe	5.95	11.80 58.50
80	All Seasons	1.25	2.20 10.50
80½	Wisconsin Hollander No. 8..	2.90	5.65 27.75
82	Premium Late Flat Dutch ..	1.10	2.10 10.00
82½	Early Winningstadt	1.10	2.15 10.25
83	Drumhead Savoy	1.75	3.40 16.50
83½	Chinese (Pe Tsai)	1.75	3.40 16.50
84½	Copenhagen Market	1.60	3.10 15.00
85	Danish Ballhead	1.80	3.30 16.00
87	Wisconsin Marion Market ..	5.95	11.80 58.50
88½	Glory of Enkhuizen	1.10	2.10 10.00
89	Mammoth Rock Red	1.38	2.65 12.75

CAULIFLOWER.

No.	¼ lb.	Lb.
91	Super Snowball	\$11.80 \$35.00
90	Early Snowball	6.70 20.00
93	Dry Weather	6.80 20.00
94	Autumn Giant	1.65 5.00
97	BROCCOLI, Italian Green Sprouting	2.90 8.00

CARROTS.

No.	½ lb.	Lb.	5 lbs.
100	Danvers Half Long	\$0.48	\$0.85 \$4.00
102	Long Orange .....	.43	.75 3.50
103	Oxheart .....	.55	1.00 4.50
105	French Forcing .....	.62	1.15 5.25
106	Special Stock Chantenay .....	.62	1.15 5.25
107	Red Cored Chantenay	1.62	3.15 15.25
108	Half Long Stump Rooted .....	.45	.80 3.50
111	Long Orange Belgian .....	.40	.70 3.00
112	Mastodon .....	.40	.70 3.00

CELERY.

No.	¼ lb.	Lb.
115	White Plume	\$0.80 \$2.50
115½	Easy Blanching .....	.90 2.75
117	Golden Self-blanching	1.65 4.75
118	Giant Pascal .....	.75 2.25
121	New Winter Queen .....	.80 2.50

CELERIAC.

No.	¼ lb.	Lb.
125	Giant Prague	\$0.80 \$2.50

CUCUMBER.

No.	½ lb.	Lb.	5 lbs.
156	Early Green Cluster	\$0.45	\$0.80 \$3.50
157½	Snow's Pickling .....	.45	.80 3.50
158	Chicago Pickling .....	.48	.85 3.75
159½	Earliest White Spine .....	.48	.85 3.75
160½	Early Fortune .....	.60	1.10 5.00
162½	Klondike .....	.63	1.15 5.25
163	Cumberland .....	.63	1.15 5.25
164	Select White Spine .....	.60	1.10 5.00
165	Improved Long Green .....	.60	1.10 5.00
168	Early Russian .....	.43	.75 3.25
169	Davis Perfect .....	.60	1.10 5.00
170	Japanese Climbing .....	.55	1.00 4.50
172	Longfellow	1.38	2.65 12.75

EGG PLANT.

No.	½ lb.	Lb.	5 lbs.
180	New York Improved	\$2.25	\$4.40 21.50
181	Black Beauty	2.50	4.90 24.00

ENDIVE.

No.	½ lb.	Lb.	5 lbs.
185	Green Curled	\$0.63	\$1.15 \$5.25
186	White Curled .....	.63	1.15 5.25
187	Broad Leafed Batavian .....	.63	1.15 5.25

KALE.

No.	½ lb.	Lb.	5 lbs.
201	Dwarf Scotch Curled	\$0.50	\$0.90 \$4.00

KOHL RABI.

No.	½ lb.	Lb.	5 lbs.
205	White Vienna	\$1.13	\$2.15 \$10.25
206	Purple Vienna	1.00	1.90 9.00

LETTUCE.

No.	½ lb.	Lb.	5 lbs.
215	Grand Rapids	\$0.73	\$1.35 \$6.25
216	Iceberg .....	.78	1.45 6.75
217	Improved Hanson .....	.63	1.15 5.25
218	New York	1.10	2.10 10.00
219	Black Seeded Simpson .....	.73	1.35 6.25
220	Prizehead .....	.70	1.30 6.00
222	Big Boston .....	.63	1.15 5.25
223	White Boston .....	.70	1.30 6.00
227	May King .....	.70	1.30 6.00
231	Paris White Cos .....	.78	1.45 6.75
232	Wayahead .....	.70	1.30 6.00

Market Gardeners' Wholesale Price List

NOTE: These prices are for planters who use seeds in large quantities. Prices do not include transportation. Goods will be shipped by freight or express the purchaser paying the transportation charges. No charge will be made for bags or packing. If larger amounts than quoted are wanted write us for prices.

MUSKMELON.

No.		1/2 lb.	Lb.	5 lbs.
235	Lake Champlain	\$0.88	\$1.65	\$7.75
236	Extra Early Hackensack....	.48	.85	3.75
237	Early Knight (Sweet Air) ..	.63	1.15	5.25
238	Emerald Gem .....	.45	.80	3.50
239	Osage .....	.63	1.15	5.25
240 1/2	Extra Early Osage .....	.75	1.40	6.50
241 1/2	Milwaukee Market .....	.60	1.10	5.00
242	Burrell's Gem .....	.45	.80	3.50
243	Bender's Surprise .....	.68	1.25	5.75
244	Rocky Ford .....	.45	.80	3.50
245	Olds' Early Model .....	.55	1.00	4.50
246	Pollock No. 10-25 .....	.38	.65	2.75
247	Hoodoo .....	.63	1.15	5.25
247 1/2	Gold Lined Rocky Ford ...	.60	1.10	5.00
248 1/2	Banana .....	.70	1.30	6.00
251	Honey or Sugar Rock	1.20	2.30	11.00
253	Honey Dew .....	.73	1.35	6.25
254	Tip Top .....	.60	1.10	5.00

WATERMELON.

No.		1/2 lb.	Lb.	5 lbs.
261	Sweetheart	\$0.43	\$0.75	\$3.25
262	Cole's Early .....	.45	.80	3.50
263	Fordhook Early .....	.43	.75	3.25
264	Earliest and Sweetest .....	.73	1.35	6.25
267	Ice Cream or Peerless .....	.48	.85	3.75
268	Irish Grey .....	.48	.85	3.75
270	Kleckley's Sweet .....	.48	.85	3.75
270 1/2	Klondike .....	.55	1.00	4.50
271 1/2	Tom Watson .....	.43	.75	3.25
272 1/2	Golden Honey .....	.60	1.10	5.00
273	Halbert Honey .....	.48	.85	3.75
275	Citron (Green seeded) .....	.43	.75	3.25
276 1/2	Winter Melon .....	.73	1.35	6.25

ONION.

No.		1/2 lb.	Lb.	5 lbs.
283	Crystal Wax Bermuda	\$2.10	\$4.10	\$20.00
285	Yellow Globe Danvers.....	.83	1.55	7.25
287	Large Red Wethersfield ...	.73	1.35	6.25
288	Ailsa Craig .....	.98	1.85	8.75
290	Southport Yellow Globe ...	.75	1.40	6.50
291	Southport Red Globe .....	.78	1.45	6.75
292	Southport White Globe	1.23	2.35	11.25
293	White Portugal or Silver Skin	.98	1.85	8.75
297	Prizetaker .....	.93	1.75	8.25
297 1/2	Giant Gibraltar .....	.93	1.75	8.25
298	Sweet Spanish	1.50	2.90	14.00
299	Australian Brown .....	.75	1.40	6.50
300	Ohio Yellow Globe .....	.85	1.60	7.50
302	White Barletta	1.15	2.20	10.50
303	Winter Queen	1.40	2.70	8.00

ONION SETS.

(Write for prices after March 1st).

No.		1/2 bu.	Bu.	5 bus.
	Yellow Bottom	\$1.50	\$2.95	\$14.25
	Red Bottom	1.50	2.95	14.25
	White Bottom	1.75	3.35	16.25

PARSLEY.

No.		1/2 lb.	Lb.	5 lbs.
305	Champion Moss Curled	\$0.50	\$0.90	\$4.00
309	Hamburg or Root .....	.75	1.40	6.50

PARSNIP.

No.		1/2 lb.	Lb.	5 lbs.
310	Improved Guernsey	\$0.40	\$0.70	\$3.00
311	Long Smooth Hollow Crown..	.38	.65	2.75

PEPPER.

No.		1/4 lb.	Lb.	5 lbs.
350	Ruby King	\$0.90	\$2.75	
351	Bull Nose .....	.90	2.75	
352	Golden Queen	1.40	4.25	
353	Harris' Early Giant	1.80	5.25	
354	Chinese Giant	1.65	5.00	
355 1/2	Red Chili	1.05	3.25	
356	Harris' Early	1.10	3.30	
356 1/2	Pimiento	1.05	3.25	
357	California Wonder	3.10	9.40	
358	World Beater	1.40	4.25	

PUMPKIN.

No.		1/2 lb.	Lb.	5 lbs.
360	King of the Mammoths	\$0.60	\$1.10	\$5.00
361	Quaker Pie .....	.45	.80	3.50
362	Connecticut Field .....	.28	.45	2.00
363	Small Sugar .....	.40	.70	3.00
364	Winter Luxury .....	.50	.90	4.00

RADISH.

No.		1/2 lb.	Lb.	5 lbs.
370 1/2	Sparkler	\$0.35	\$0.60	\$2.50
371	Early Scarlet Turnip .....	.38	.65	2.75
373	Improved French Breakfast ..	.38	.65	2.75
374	Twenty Day .....	.45	.80	3.50
375	Saxa .....	.38	.65	2.75
376	Crimson Giant .....	.45	.80	3.50
377	Scarlet Globe .....	.35	.60	2.50
378	Snowball .....	.35	.60	2.50
384	Cincinnati Market .....	.38	.65	2.75
385	White Icicle .....	.35	.60	2.50
390	White Chinese Winter .....	.38	.65	2.75
391	Chinese Rose Winter .....	.38	.65	2.75
392	Long Black Spanish .....	.33	.55	2.25

RHUBARB.

No.		1/2 lb.	Lb.	5 lbs.
395	Victoria	\$0.55	\$1.00	\$4.50

SALSIFY.

No.		1/2 lb.	Lb.	5 lbs.
397	Mammoth Sandwich Island...	\$0.95	\$1.80	\$8.50

SPINACH.

No.		1/2 lb.	Lb.	5 lbs.
400	Victoria	\$0.18	\$0.25	\$1.00
401 1/2	King of Denmark .....	.23	.35	1.50
402	Bloomsdale (Long standing) ..	.20	.30	1.25
403	Long Season .....	.20	.30	1.25
403 1/2	New Zealand .....	.38	.65	3.00
404	Long Standing Gaudry .....	.30	.50	2.25

SQUASH.

No.		1/2 lb.	Lb.	5 lbs.
405	Mammoth White Bush	\$0.45	\$0.80	\$3.50
407	Giant Summer Crookneck ...	.45	.80	3.50
409	Table Queen .....	.58	1.05	5.00
410	Delicious .....	.75	1.40	6.50
411	Improved True Hubbard .....	.50	.90	4.00
413	Golden Hubbard .....	.50	.90	4.00
418	Blue Hubbard .....	.50	.90	4.00
420	Mammoth Chili .....	.60	1.10	5.00

TOMATO.

No.		1/4 lb.	Lb.	5 lbs.
425	Earliana	\$1.00	\$3.00	
427	New Stone .....	.65	2.00	
429	Matchless .....	.65	2.00	
430	Dwarf Stone .....	.90	2.75	
432	Dwarf Champion .....	.85	2.55	
433	New Marglobe	1.45	4.35	
434	Chalk's Early Jewel .....	.80	2.50	
435	Special Earliana	2.10	6.20	
436	John Baer .....	.75	2.25	
437	Ponderosa	1.40	4.20	
438	Enormous	1.10	3.30	
439	Golden Beauty .....	.95	2.85	
440	Livingston's New Globe .....	.85	2.55	
442 1/2	Livingston's Manyfold	1.00	3.00	
443	June Pink	1.10	3.30	
444	Bonny Best .....	.70	2.10	
446	Yellow Pear	1.00	3.00	
447	Yellow Plum	1.00	3.00	
448 1/2	Yellow Cherry	1.00	3.00	
449	Red Currant	1.00	3.00	
455	Husk Tomato (Ground Cherry) .	1.10	3.30	

TURNIP.

No.		1/2 lb.	Lb.	5 lbs.
460	Purple Top Strap Leaf	\$0.21	\$0.32	\$1.35
465	Purple Top White Globe ....	.21	.32	1.35
466	Snowball or Six Weeks .....	.30	.50	2.25
467	Cow Horn .....	.28	.45	2.00
474	Mixed .....	.20	.30	1.25

RUTABAGAS.

No.		1/2 lb.	Lb.	5 lbs.
475	Improved Purple Top	\$0.28	\$0.45	\$2.00
477	Neckless .....	.23	.38	1.65
478	White Russian .....	.25	.40	1.75

DILL.

No.		1/2 lb.	Lb.	5 lbs.
485	Giant	\$0.38	\$0.65	\$3.00

OLDS' STANDARD VEGETABLES

ASPARAGUS

OLDS' ASPARAGUS PLANTS

The growing of asparagus plants is one of our specialties. On our own farm where the rich, loose soil seems to be particularly adapted to making strong root growths, we have thousands of the very best plants that can possibly be produced. An asparagus bed is a sort of permanent affair, the average life of which is about fifteen to twenty years so in starting a new bed it is important to obtain the very best.

The Mary Washington Giant Rust Proof is our main variety. We have been growing the plants for several years and we have them in both one and two-year-old sizes.

(We recommend One Year Plants in preference to Two Year. They are cheaper, and more easily planted.

6. ★**MARY WASHINGTON GIANT RUST PROOF.** The result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than those of other varieties, and apparently immune from rust. Mary Washington asparagus will meet the needs of both market gardeners and home gardeners.

Seed: Pkt., 7c; oz., 15c; ¼ lb., 45c; lb., \$1.40. Plants—One year old, 25 for 75c; 50 for \$1.25; 100 for \$2.00. Two year old, 25 for \$1.00; 50 for \$1.75; 100 for \$2.50, postpaid. Not prepaid, one year old, 100 for \$1.75; 1,000 for \$10.00. Two year old, not prepaid, 100 for \$2.25; 1,000 for \$13.00; 500 at the 1,000 rate.

3. **MARTHA WASHINGTON RUST PROOF.** This variety very closely resembles the Mary Washington Rust Proof. It has the same characteristics but the stalks are somewhat flattened in shape instead of round. For that reason it is more in demand in some markets. Seed: Pkt., 7c; oz., 15c; ¼ lb., 45c; lb., \$1.50, postpaid. Plants, one year old, 25 for 75c; 50 for \$1.25; 100 for \$2.00. Two year old, 25 for \$1.00; 50 for \$1.75; 100 for \$2.50, postpaid.



Mary Washington Giant
Rust Proof.

OLDS' GARDEN BEANS

Our beans are Northern grown, thoroughly rogued and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number. Our packets each contain sufficient seed to plant from 10 to 15 feet of drill. One pound will plant 50 to 75 feet of drill; 75 pounds to one acre.

CULTURE: Sow the bush varieties as soon as the ground is warm and the season favorable. Plant in rows 2 feet apart and the beans 2 inches apart and 1½ inches deep. For pole beans use poles 8 to 10 feet long and set them about 4 feet apart. Plant 4 to 6 beans about one inch deep around each pole and later thin to 3 plants to a pole.

Beans thrive best in a sandy loam with a shovelful of well rotted compost to each hill. Keep well hoed, drawing the earth up to the stems. Do not work when the plants are wet as this will cause rust and injury to the crop. Plant every two weeks for succession. For larger amounts than quoted, see our Market Gardeners' Price List, pages 29 and 30.

GREEN POD VARIETIES



STRINGLESS
GREEN POD

15. ★**STRINGLESS GREEN POD.** (Burpee's.) The best green pod. A bush or dwarf variety. It is early, hardy and productive, bearing handsome dark green pods which are entirely stringless even when fully matured. The pods are five or more inches long, very round and straight. We recommend this variety above all others if a green pod is wanted. Large 2 oz., pkt., 10c; ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.60, postpaid.

12. **IMPROVED EARLY RED VALENTINE.** (Round Pod.) A green pod bush variety, early, hardy, productive. Pods 6 inches long, round, crease-backed and slightly stringy. An old favorite. Pkt., 7c; ½ lb., 20c; lb., 35c; 2 lbs., 65c, postpaid.

13. **BOUNTIFUL.** In our judgment the best green pod bush next to Stringless Green Pod. The pods are flat 6½ to 7 inches long, stringless, attractive and of good quality. Early, hardy and very productive. 2 oz. pkt., 10c; ½ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid.

19. **REFUGEE OR THOUSAND-TO-ONE.** A very productive, hardy, vigorous, late green pod bush variety. Almost stringless pods 5 to 5½ inches long. Fine for canning. 2 oz. pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid.



16. **GIANT STRINGLESS GREEN POD.** Somewhat similar to Burpee's Stringless although the pods are longer, straighter and more slender. The pods are more depressed between the beans and slightly lighter in color than the Burpee's. It is fairly early, hardy and of the highest quality. One of the most desirable varieties for canning. Pkt., 10c; ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.60, postpaid.

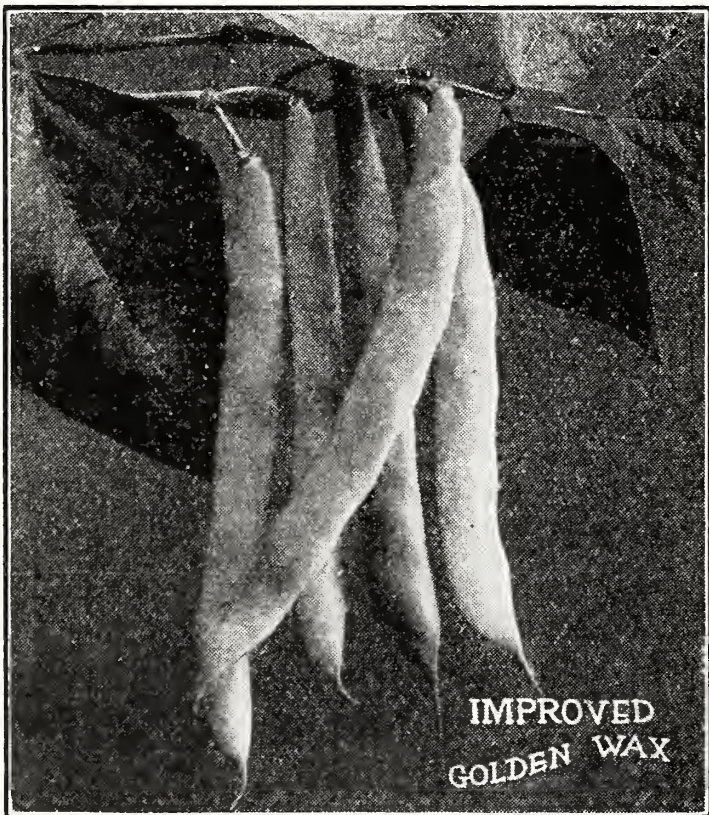
OLDS' GARDEN BEANS

WAX POD VARIETIES



Olds' Early Stringless Wax.

20 1/2. ★OLDS' EARLY STRINGLESS WAX. This bean is our leader in wax-pod varieties. A cross between Burpee's Stringless Green Pod and Valentine Wax, and a decided improvement over both. It possesses earliness, hardiness and vigor. The pods are light yellow in color, well filled, tender, and of a delicious flavor. Large 2 oz. pkt., 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50, postpaid.

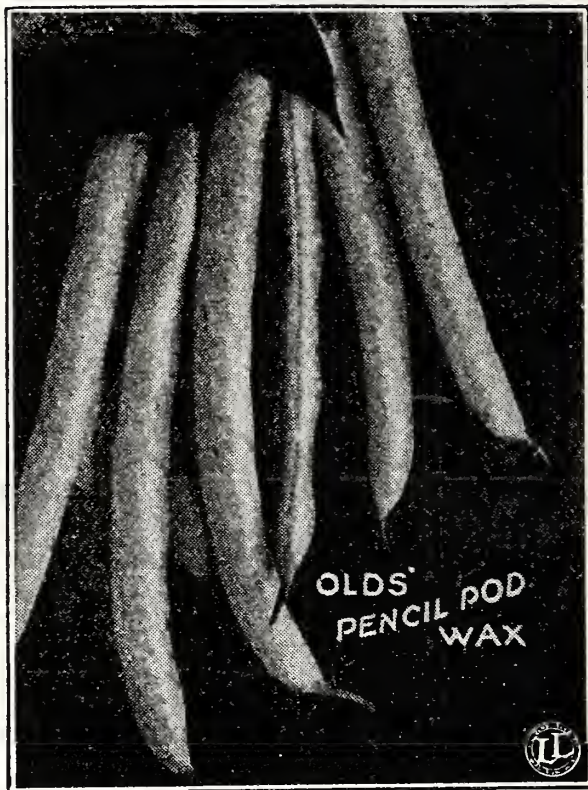


20. ★IMPROVED GOLDEN WAX. The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The pods are 4 to 4 1/2 inches long and handsome; of rich golden-yellow color. Large 2 oz. pkt., 7c; 1/2 lb., 18c; 1 lb., 32c; 2 lbs., 55c; 5 lbs., \$1.20, postpaid.

22. DAVIS WHITE KIDNEY WAX. The pods are 6 1/2 to 7 inches long, white, straight, flat and stringy and are borne in clusters. It is in the first early class and a very handsome bean. Pkt., 7c; 1/2 lb., 20c; 1 lb., 37c; 2 lbs., 65c, postpaid.

Feb. 28, 1930.

"I just wish to say your seeds have been fine. We have used them for eighteen years. This is our eighteenth order."—F. P. Grommon, Illinois.



24. ★OLDS' PENCIL POD BLACK WAX. Best of all the dwarf black-seeded wax varieties. The pods are round, 6 1/2 to 7 inches long, straight, and crease-backed. Early and very productive; entirely stringless and a clear yellow in color. Large 2 oz. pkt., 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.45.

POLE BEANS

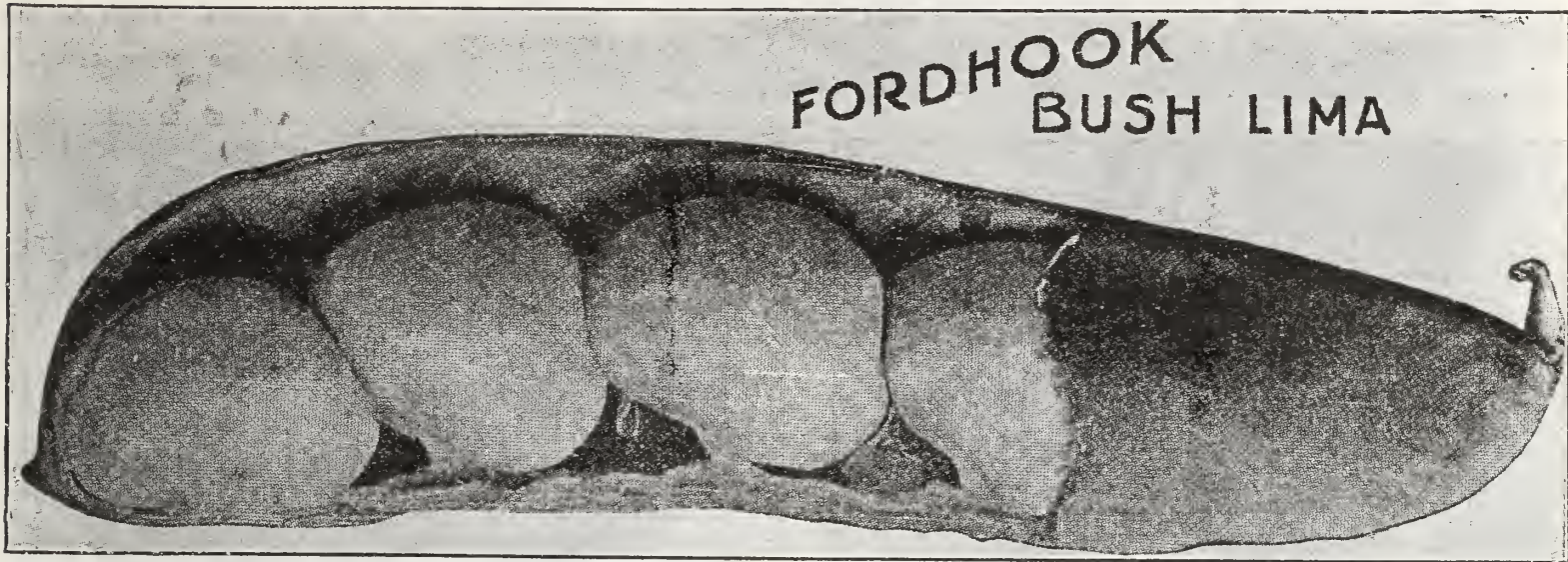


38. ★KENTUCKY WONDER. (Old Homestead.) Without doubt the most popular and useful of the green podded pole beans. The vines are very vigorous and productive, and bear large clusters of big round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. Large 2 oz. pkt., 10c; 1/2 lb., 18c; 1 lb., 33c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

38 1/2. KENTUCKY WONDER WAX. The earliest of all the pole wax sorts. The pods are flat, 7 to 8 inches long, thick, decidedly crease-backed, very fleshy; brittle and somewhat stringy. Very attractive and of fair quality. Color, light yellow. Pkt., 10c; 1/2 lb., 18c; 1 lb., 33c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

OLDS' LIMA BEANS—BUSH VARIETIES

NOTE: Plant Limas with the eyes down and in a warm location. Do not plant until the soil is warm. Lima beans should be harvested while they are still green.



34½. FORDHOOK BUSH LIMA. The highest in quality and the most prolific of all the Bush Lima Beans. An improved variety with plants growing erect and bearing well above the ground. Pods are medium green in color; from four to five inches long, and produced in large clusters; they contain from 3 to 5 large beans each of fine quality. The beans are white, with greenish tinge, thick and meaty. Large 2 oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

31. HENDERSON'S BUSH LIMA. (Butter Bean). A small bean. The bush is not large, but the variety is earlier than any other Bush Lima. Pods are small, containing 3 or 4 small, flat, white beans of good quality. A popular variety with canners. It is like the Golden Bantam Corn in that it is small, early and very good. We recommend this variety of lima for the home garden, because of its quality and extreme earliness. Pkt., 7c; ½ lb., 18c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50, postpaid.

March 23, 1930
"We had bushels of vegetables from \$1.50 worth of seeds last summer."
Mrs. Earl Davenport, Wisconsin



Burpee's Improved Bush Lima.

34. ★BURPEE'S IMPROVED BUSH LIMA. Early, large and productive. Both beans and pods are larger than in the old Burpee's Bush Lima, usually averaging one more bean to the pod. Also earlier. The bush is vigorous in growth and has a heavy foliage. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. Large 2 oz. pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.80, postpaid.

14. NAVY BEAN or BOSTON BAKED BEAN, as it is sometimes called. Popular since the time of the Civil War. Primarily a Field Bean but deserves a place in the garden. Don't give it rich-soil. Cultivate well, but never cultivate or disturb any crop of beans while wet with either dew or rain, as it is always sure to produce rust or blight. Pkt., 7c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.15, postpaid.

POLE VARIETIES

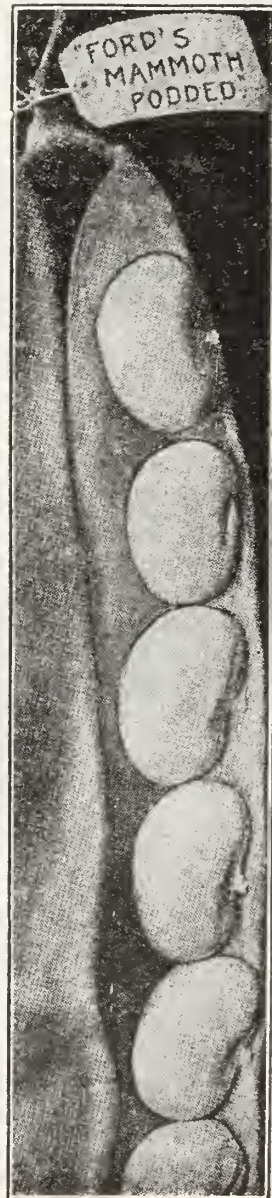
33. FORD'S MAMMOTH PODDED. The largest podded, finest flavored and most productive Pole Lima Bean. The pods average eight inches in length, with from five to seven beans in a pod, excellent either green or dry. The vines grow vigorously, set the beans early, and continue to bear until frost. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 75c, postpaid.

30½. DREER'S POLE LIMA. This variety of lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods, measuring 3½ to 4 inches long with pods well filled and 4 to 5 beans in each pod. Beans are oval in shape, thick, sweet and succulent. Pkt., 10c; ½ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid.

39. SCARLET RUNNER. A pole bean that is really a climbing bean and very ornamental. The blossoms are purple or scarlet, the pods a beautiful green, shading to wine color when ripe and the large, showy leaves are about the same color. Seed reddish brown, mottled black. Planted mostly for ornamental purposes but the beans are good to eat, both as snap and shelled beans. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c, postpaid.



FOR GARDEN BEANS. Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price, Garden Size, sufficient for 8 pounds, 25c, postpaid. (The same culture may be used for Peas also.) See page 5.

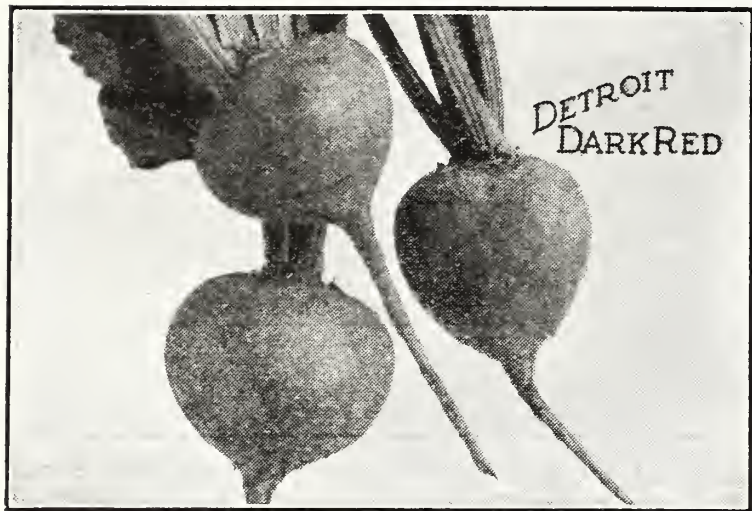


OLDS' GARDEN BEETS

CULTURE: The best soil for beets is a deep sandy loam, although they are easily grown and will do well in most any soil. For early beets plant as early in the spring as the ground can be worked, sowing a little later for the main crop. Winter beets should be planted about the 15th of June.

Plant the seed about $\frac{3}{4}$ inch deep and in rows one foot apart. Thin the plants to 3 inches. Each packet contains enough seed to sow 15 feet; one ounce 60 feet; 5 pounds an acre drilled.

We take care to have seed that will produce beets free from rootlets and uniform in size. For larger amounts than quoted see Market Gardeners' Wholesale Price List, pages 29 and 30.



48. **★DETROIT DARK RED.** The leading main crop variety for the home and market gardener. Globe shaped, sweet, tender, fine grained and free from woodiness. Dark crimson in color. Quality of the best. Leaves dark green, shaded to red. Probably the most widely grown beet for commercial canning. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

BEETS IN SUCCESSION.

Do not depend on one planting for a supply all through the summer and fall. Some varieties are sweet and tender after they have grown to large size but the sweetest and most delicious of all are the small beets—just big enough to use. Have more coming on all the time.

Early plantings may be followed by bush beans, carrots, cucumbers, turnips, etc., and later plantings may succeed the early crop of radishes, spinach, peas or other spring vegetables. For winter storage sow the seed about June 15th.

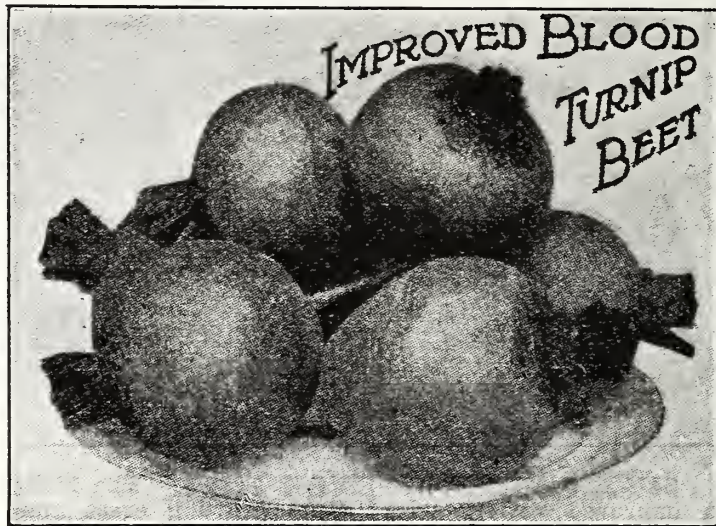


Early Wonder.

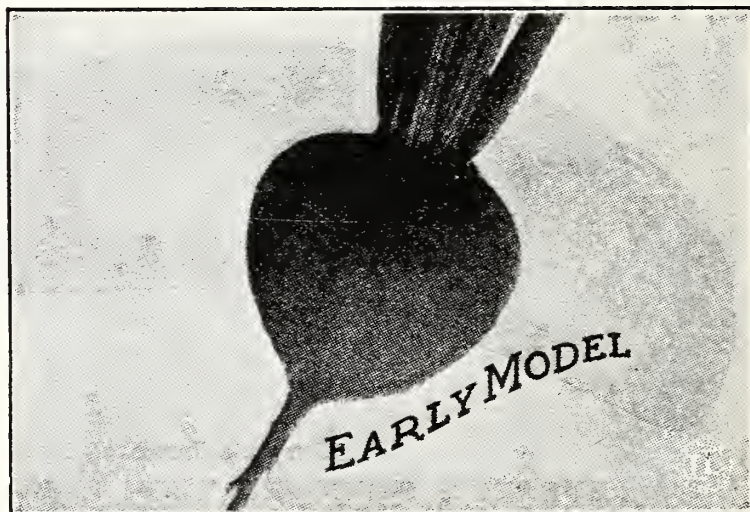
43. **★OLDS' EARLY WONDER.** A selection from Crosby's Egyptian. We think it is just a little nearer perfection than anything we have ever offered before in the beet line. Very uniform dark red, globe shape, small top. Especially good for late planting although in the extra early class; 45 days to maturity. Early, hardy, productive and handsome. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.



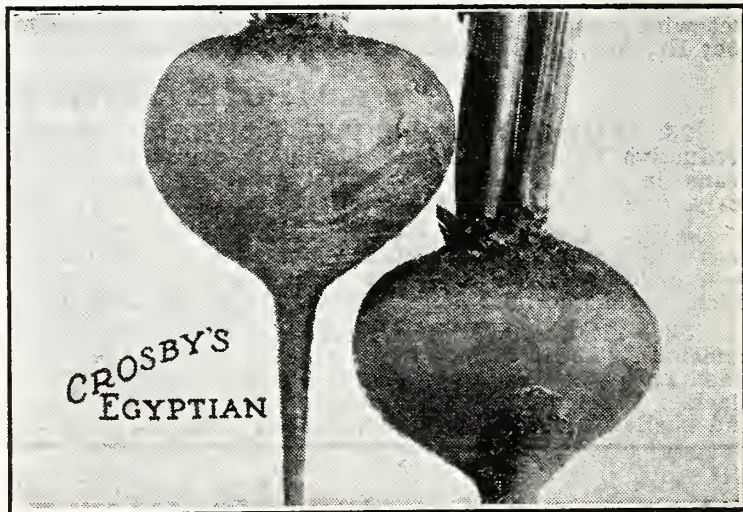
52. **★CRIMSON GLOBE.** A fine second early or main-crop table or market variety. Globe shaped, medium in size and slightly zoned. A rich blood red in color, sweet, tender and never stringy. Foliage small and dark. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c, postpaid.



41. **★OLDS' IMPROVED EARLY BLOOD TURNIP.** A fine bright red beet. Remarkably even in size and appearance and ready for use 50 days from planting. A flattened globe shape, good quality. Tops large and coarse. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.



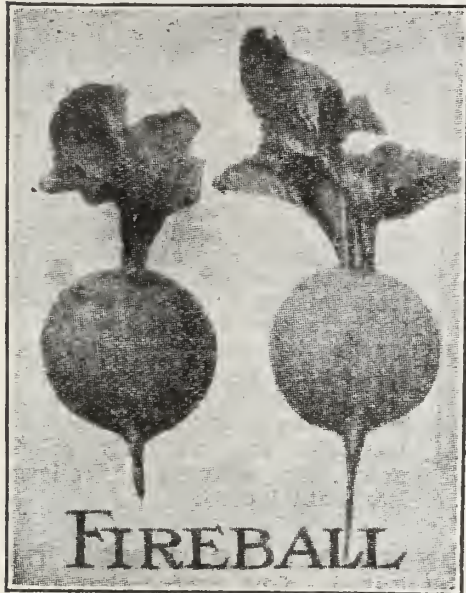
45. **★OLDS' EARLY MODEL.** One of the earliest. Globe shaped with small tap roots. Flesh tender, sweet and free from fiber. Color very dark, making it splendid for pickling. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.



51. **CROSBY'S EGYPTIAN.** A first-early market variety. Flattened globular shaped and fine quality. One of the best for early but not recommended for winter storing. Roots dark red and flesh a trifle lighter with some zoning. Tops very small. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

GARDEN BEETS, CHARD, MANGELS

40. **EXTRA EARLY EGYPTIAN.** A famous variety for forcing and for first early. One of the very earliest of all beets in fact, with very small top. Roots very dark red, rounded on top, flat beneath. Flesh dark, purplish red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.



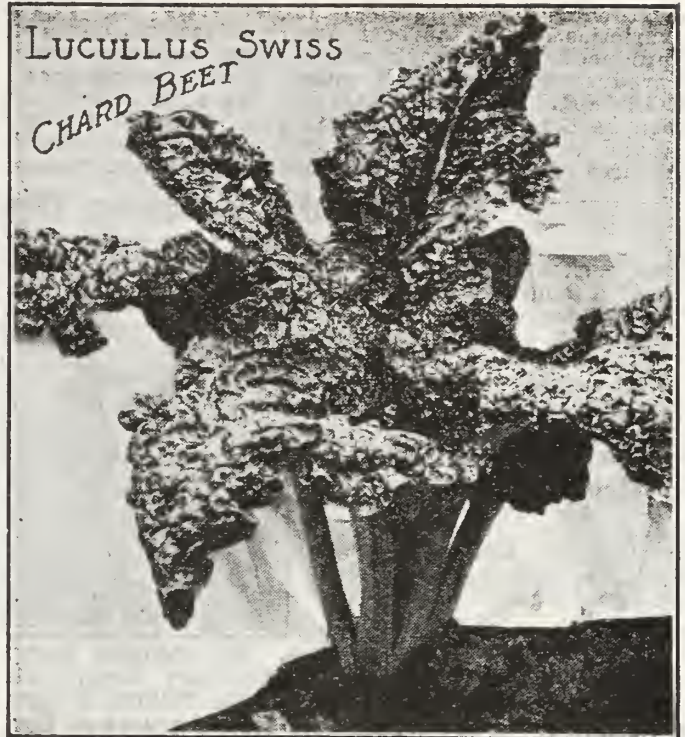
40 $\frac{1}{2}$ —
OLD'S' EARLIEST FORCING
 (Fireball.) Earliest of all beets; suitable for forcing. A turnip-rooted or globe shaped variety and red as a radish. It has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small, making it valuable for sowing in frames. It retains its fresh table qualities better than most beets and is a valuable sort to sow in the open ground as well as in frames. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

44. **EARLY ECLIPSE.** As early as Crosby's Egyptian but more desirable because of its perfect globe shape. Very smooth, sweet and tender and bright red in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

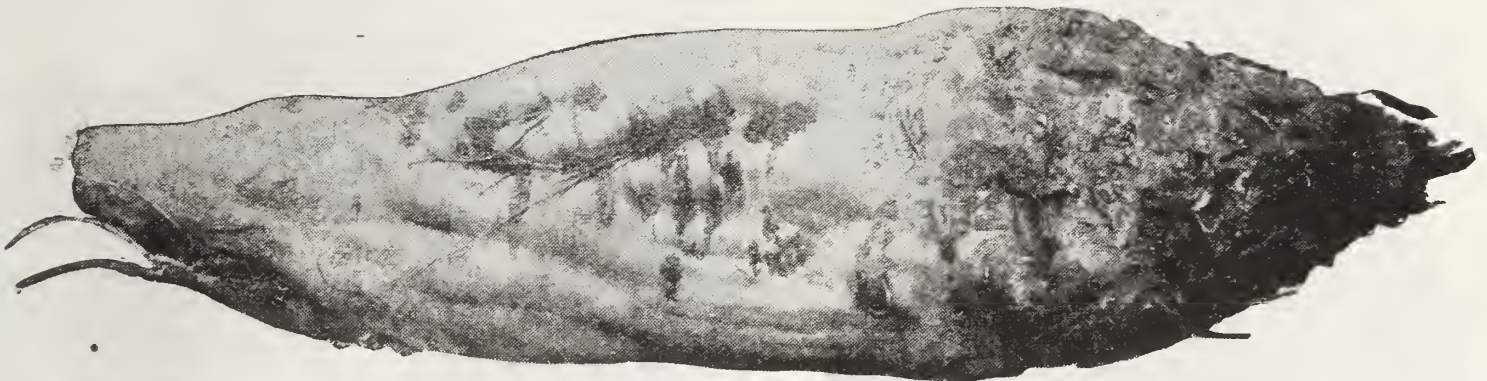
OLDS' MANGELS AND SUGAR BEETS.

Mangels are highly nutritious and easily stored for winter. Greatly relished by all live stock and poultry. They are as digestible as grain; no silo is required. Mangels will save one half the grain feed without reducing the milk yield. One ounce of seed will sow 75 to 100 feet of drill; 6 pounds an acre.

Mangels for winter storage should be planted about corn planting time. Make the rows about 20 inches apart for hand cultivation or three to four feet apart for horse cultivation. Thin to about four to six inches apart in the row. For larger amounts than quoted, see **Market Gardeners' Wholesale Price List**, pages 29 and 30.



52 $\frac{1}{2}$. **LUCULLUS SWISS CHARD.** The city gardener's friend. Largely used for greens. Grows again after being cut off. The plants grow from two to two and one-half feet in height. Stalks are thick, broad, and flat. Delicious when cooked and served like asparagus. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 32c; lb., \$1.00.



Mammoth Long Red Mangel.

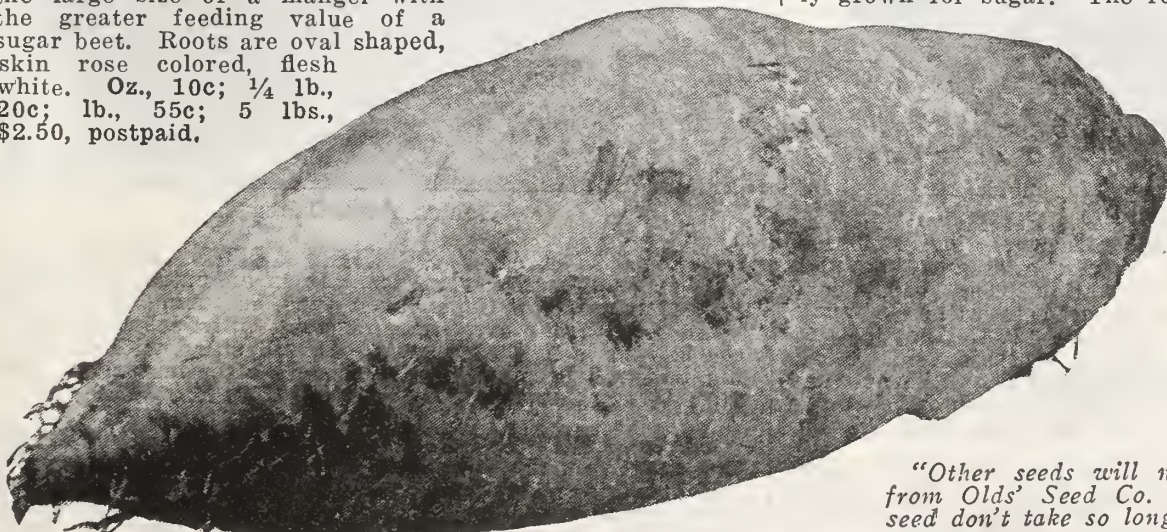
55. **★MAMMOTH LONG RED.** The most widely grown mangel. The roots frequently grow two feet or more long, with $\frac{1}{2}$ to $\frac{2}{3}$ of their length above ground. Skin bright red; flesh white with rings of pink. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$2.25, postpaid.

63. **★GIANT HALF SUGAR ROSE.** Combines the large size of a mangel with the greater feeding value of a sugar beet. Roots are oval shaped, skin rose colored, flesh white. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c; 5 lbs., \$2.50, postpaid.

56. **GOLDEN TANKARD.** Large roots, nearly cylindrical in shape, narrowing abruptly at both ends. Flesh zoned yellow and white, very productive. Contains a larger percentage of sugar than the red mangels. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c; 5 lbs., \$2.75, postpaid.

61. **KLEIN WANZLEBEN SUGAR BEET.** Largely grown for sugar. The roots are straight and even. A heavy yielder and very rich in sugar. Oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 55c; 5 lbs., \$2.50, postpaid.

59 $\frac{1}{2}$. **★DANISH SLUDSTRUP.** Sludstrup has a long reddish-yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yield. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c; 5 lbs., \$2.75, postpaid.



Danish Sludstrup Mangel.

March 27, 1930
 "Other seeds will not grow like those I received from Olds' Seed Co. I get the best yield and the seed don't take so long to sprout."

Mrs. Frank Wepking, Wisconsin

OLDS' CABBAGE

In growing good cabbage it is necessary first to obtain the best seed produced. We have that kind. Our American varieties are of the best American strains, our Yellows Resistant Seed is Wisconsin grown, and our Danish varieties are produced in Denmark where these varieties reach perfection. Cabbage requires deep mellow soil. One packet will produce 400 plants, ¼ pound, plants for an acre.

CULTURE: For early use sow the seed in hot beds during February and March and transplant in the open ground as soon as danger of freezing is over, in rows 2 feet apart and 18 inches apart in the row. For second early sow in April and transplant in May and for the late varieties sow about May 10th and transplant from the middle of June to the first of July. Use Slug Shot for cabbage worms and Evergreen for lice. See page 93.

Wisconsin Yellows Resistant Varieties of Cabbage

The accompanying photograph of a field at Racine, Wisconsin, shows a test row of cabbage from good commercial seed in the center of a field of yellows resistant cabbage.

Racine and Kenosha Counties are in the heart of the oldest cabbage section in Wisconsin; but a few years back, cabbage growing had been practically abandoned there because the soil had become so badly infected with this destructive fungus, known as "Yellows."

Then, after years of experiment and study, Dr. L. R. Jones




The Middle Row, Practically a Failure, is from Ordinary Seed. All the Other Rows, Each Side, from Yellows Resistant Seed.

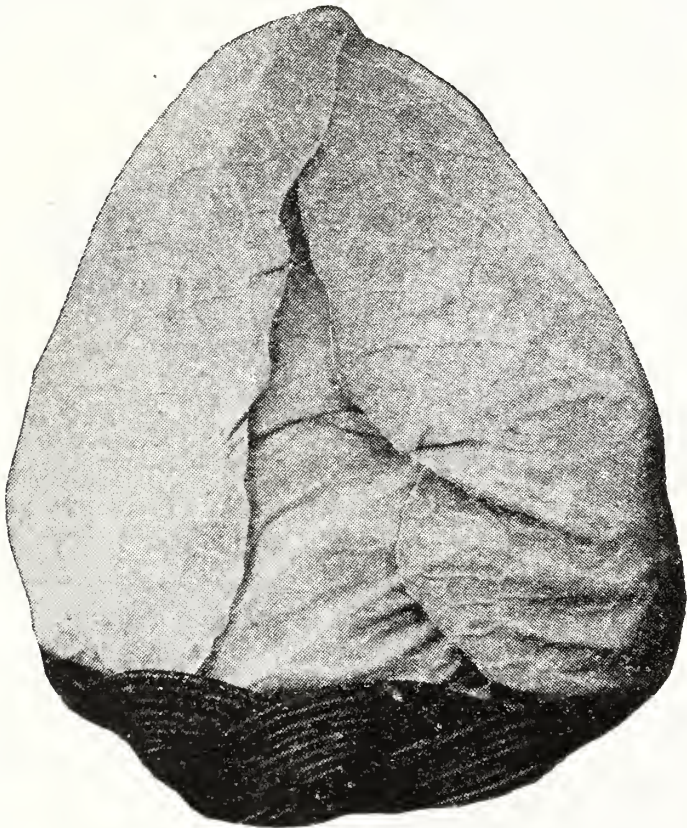
of the Department of Plant Pathology of the University of Wisconsin, selected three strong heads of the Danish Ballhead or Hollander variety, which were apparently immune to "Yellows." The seed from these were planted and extensive field tests proved the plants grown from this seed to be as resistant as were the first three.

The yellows resistant features have been very carefully maintained and tested out in succeeding crops and the seed we offer can be fully relied upon as genuine "Yellows Resistant" seed.


 80½. **★WISCONSIN HOLLANDER NO. 8** or Wisconsin Danish Ballhead. The same as No. 85 described on the following page, except that it is "Yellows Resistant." Wisconsin No. 8 is without doubt the most satisfactory strain of cabbage to grow for winter use and for a shipper. It will keep better than any other and it has the heaviest, most solid heads of any. The heads are almost perfectly round, fine grained and with few outside leaves. We recommend this strain most emphatically. Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.75; lb., \$5.75, postpaid.

 76. **★WISCONSIN ALL SEASONS.** The same as No. 80 described below except that it is "Yellows Resistant." Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15; lb., \$4.00, postpaid.

 87. **★MARION MARKET.** (Wisconsin Copenhagen.) This is the Yellows Resistant strain of Copenhagen Market and is known as Marion Market. For description see Copenhagen Market below as it is the same as this variety only resistant to the Yellows. A good kraut variety. Pkt., 20c; ½ oz., 70c; oz., \$1.25; ¼ lb., \$3.75; lb., \$12.00, postpaid.



Olds' Early Jersey Wakefield.


 70. **★OLDS' EARLY JERSEY WAKEFIELD.** 90 days to maturity. Early Jersey Wakefield is the best known and most popular extra early cabbage in cultivation. The head is very solid, comparatively small and running to rather a small point at the top. Quality is excellent. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

72. **CHARLESTON WAKEFIELD.** About one week later than Early Jersey Wakefield with heads fully one-half larger. Pkt., 7c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

80. **ALL SEASONS.** Can be used for either early or late. Heads large, round and deep. A late second early. A good keeper and a favorite with gardeners. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., \$2.30.



Golden Acre Cabbage.

 73. **★NEW GOLDEN ACRE.** Earliest of all round-headed varieties. It is an extra early selection of the Copenhagen type, maturing in 80 days. The heads are firm and solid, fully equal to any of the late sorts in that respect. It will stand without bursting in the field for a month or more after maturity. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.80.

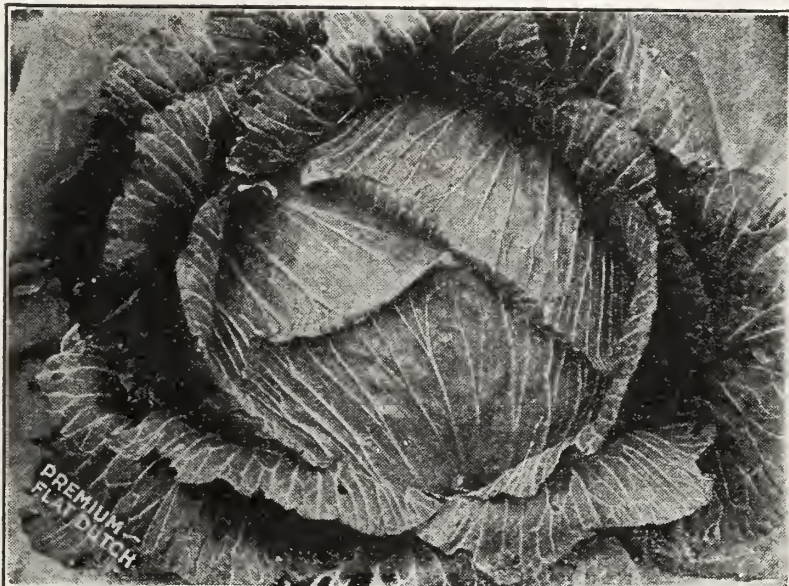
84½. **★COPENHAGEN MARKET.** Undoubtedly the most valuable cabbage of recent introduction, maturing but a few days later than Jersey Wakefield. Heads large, round and solid. Our seed is the best Danish grown. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 90c; lb., \$3.25.

OLDS' CABBAGE



85. ★HOLLANDER OR DANISH BALLHEAD. The great commercial cabbage, and the best shipper. Especially valued for its solidity and fine keeping qualities. It is the most largely grown variety in America for the winter markets. The heads weigh more for their size than any other variety. They are round as a ball, solid, fine-grained with few outside leaves. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.40, postpaid.

88½. ★GLORY OF ENKHUIZEN. Valued for its earliness, size, keeping qualities and flavor. Heads medium, round. A fine kraut cabbage. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., \$2.25, postpaid.



Premium Flat Dutch.

82. ★PREMIUM LATE FLAT DUTCH. This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. Pkt., 7c; ½ oz., 18c; oz., 30c; ¼ lb., 75c; lb., \$2.25, postpaid.

75. ★ALLHEAD EARLY. Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat and solid. If but one variety of cabbage is planted, probably Allhead Early is the best for all purposes. Makes a fine winter cabbage. Pkt., 10c; ½ oz., 20c; oz., 32c; ¼ lb., 80c; lb., \$2.50, postpaid.



Chinese or Celery Cabbage.

83½. CHINESE OR CELERY CABBAGE. (Pe Tsai.) This plant does not form a solid head like cabbage, but grows a long, loose head somewhat like Cos Lettuce. It is very mild and a real delicacy. Plant late July in rows and thin to about a foot apart. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50, postpaid.

83. DRUMHEAD SAVOY. Best of all the Savoy cabbages. The plant is of strong growth with outer leaves growing closely about the firm head. Leaves are very much crumpled. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 85c; lb., \$2.75, postpaid.

89. MAMMOTH ROCK RED. The best, largest and surest-heading red cabbage; used largely for pickling. Heads are round, solid and of a very attractive deep red color, averaging from ten to twelve pounds. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 85c; lb., \$2.80, postpaid.

FROST PROOF CABBAGE PLANTS

Grown off the coast of South Carolina where the difficult growing conditions give the plants great resistance to cold and bad weather. They are guaranteed to stand a temperature of 20 degrees above zero. **YOU GAIN THREE WEEKS.** Shipment to you direct from the growing station. The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a slow but steady growth.

Can supply Early Jersey Wakefield, Charleston Wakefield, Copenhagen Market, Succession and Early Flat Dutch. Prices: 100 to 400 plants at 50c per 100; 500 plants, \$1.60; 1,000 or more plants at \$3.00 per 1,000, postpaid. By express: 1,000 to 4,000 plants at \$2.00 per 1,000; 5,000 or more plants at \$1.50 per 1,000.

(No orders filled C. O. D. or for less than 100 plants of a kind.)

(After May 15th order Home Grown Cabbage Plants as we cannot furnish the Frost Proof after that date.)

HOME GROWN CABBAGE PLANTS

We grow these plants ourselves. Ready early in May. Can supply Early Jersey Wakefield, Golden Acre and Copenhagen Market. Prices of all: Doz., 25c; 50 for 65c; 100 for \$1.50; 500 for \$6.00, postpaid. For late varieties sow seed in open ground about May 10th and transplant in the field in about four weeks.

"Just a few words in regard to the success I have had with cabbage this year grown from frost proof plants I got from you. I set them out on May second; got 100 plants, 98 lived. May 16th had a killing frost but it never hurt the plants one bit and this summer it is so terribly dry scarcely anyone has very much cabbage; some haven't any, but these plants just grew and grew through frost and drouth.

I have had all I wanted to use since July 1st, have sold \$3.00 worth and still have 55 lovely heads left."

Mrs. Earl Schwartz, Wisconsin, August 14, 1930.

OLDS' CAULIFLOWER

Olds' Cauliflower Seed is grown in Denmark and is the best that can be produced. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number. Leaflet on culture of cauliflower, free on request.



Nov. 29, 1929.

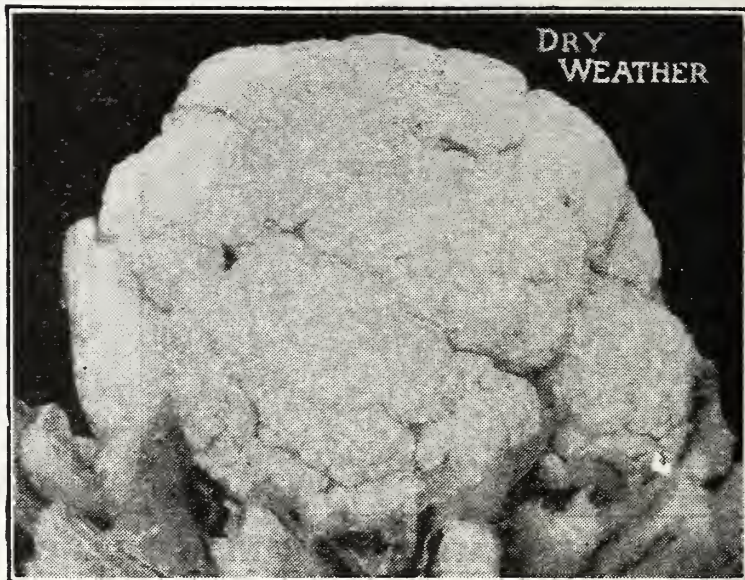
"Last spring I received a package of your new Super Snowball Cauliflower seed which you asked me to give a trial. I planted the seed and produced nice solid heads of cauliflower, the best I have ever seen. My local customers were glad to get it."—N. W. Bechtel, Ohio.

Olds' Super Snowball.



91. **★OLDS' SUPER SNOWBALL.** Our 1930 introduction. It is a real marvel, both in earliness and in uniformity of heading. It will head from 2 to 3 weeks sooner than the earliest strains of cauliflower that we know of and very uniformly throughout the field. The heads are large, deep and solid and have a pure white color. Foliage strong and vigorous, forming a good protection. The crop can be completely harvested 4 months from the time the seed is sown. In our experience we have not found a cauliflower that can compare with this variety. Pkt., 25c; ¼ oz., 90c; ½ oz., \$1.60; oz., \$3.00; ¼ lb., \$10.00, postpaid.

90. **★IMPROVED EARLY SNOWBALL.** Undoubtedly the most popular early variety either for the home or market garden. The medium sized, snow-white heads (six to ten inches in diameter) are firm, compact and solid, with few short, upright leaves. Our seed is grown in Denmark and equal to any strain of Snowball on the market. Pkt., 20c; ¼ oz., 70c; oz., \$2.00; ¼ lb., \$6.90, postpaid.



Dry Weather Cauliflower.

93. **★DRY WEATHER.** The best all-purpose cauliflower for every kind of soil. It produces large, solid, pure white heads. Matures about a week later than Improved Early Snowball. We recommend this variety very strongly where success against crop failure in hot, dry weather is desired. It grows large heads too, larger than Snowball and is a sure header. Pkt., 20c; ¼ oz., 70c; oz., \$2.00; ¼ lb., \$7.00, postpaid.

94. **AUTUMN GIANT.** One of the finest late varieties. Heads large and compact. A vigorous grower. Pkt., 10c; ¼ oz., 20c; oz., 50c; ¼ lb., \$1.75, postpaid.

OLDS' HOME GROWN CAULIFLOWER PLANTS.

We can furnish Improved Early Snowball (early) and Dry Weather (second early). Ready early in May. Doz., 40c; 50 for \$1.25; 100 for \$2.25, postpaid.

OLDS' CELERY

Each celery packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants. Leaflet on celery culture, free on request.



Golden Self-Blanching.



115. **OLDS' WHITE PLUME.** The leaves are bright green at the base shading to nearly white at the tips. This variety grows large and the flavor is all that you could desire. It is very attractive in appearance and is easy to blanch. Pkt., 10c; oz., 30c; ¼ lb., 90c, postpaid.

115½. **OLDS' EASY BLANCHING.** This variety is probably the earliest of all with the possible exception of the Golden Self-Blanching. It is more hardy than that variety, however, and not liable to blight. As the name indicates it is very easy to blanch and is white instead of yellow cast. It is an excellent keeper. Pkt., 10c; oz., 30c; ¼ lb., 90c, postpaid.

121. **WINTER QUEEN.** The best and most dependable late variety. Very fine for winter use. Of medium height; broad, light green stalks, very solid and crisp. Pkt., 5c; oz., 30c; ¼ lb., 90c, postpaid.

125. **CELERIAQ, NEW GIANT PRAGUE.** An easily grown vegetable that deserves a place in your garden. It forms a turnip-shaped root about 2 inches in diameter, with the flavor of fine celery. Splendid for soup, stews, salads, etc. Pkt., 10c; oz., 30c; ¼ lb., 90c, postpaid.

117. **★GOLDEN SELF-BLANCHING.** (American Grown.) The leading early variety of celery and for many years of first importance to celery growers. Plants, stocky and robust and of compact habit; stalks, heavy and solid, with large, stringless, close-set ribs; heart a fine golden yellow and remarkably crisp and tender.

Golden Self-Blanching is the earliest to mature, not liable to blight and a good keeper and shipper. The best known, most grown, most wanted celery on the market today, and by far our biggest seller. Pkt., 10c; oz., 50c; ¼ lb., \$1.75, postpaid.

118. **GIANT PASCAL.** A standard fall and winter variety, but not a good shipper on account of its tender stalks. This fact, however, recommends it as a home-garden or home-market variety. Pkt., 10c; oz., 30c; ¼ lb., 85c, postpaid.

HOME GROWN CELERY PLANTS.

We can furnish Golden Self-Blanching (early) and Winter Queen (late). Ready about June 15th. Doz., 25c; 100 for \$1.50; 500 for \$5.50, postpaid.

OLDS' CARROTS

Carrots are one of the most valuable vegetables and should be cultivated more extensively. They are very wholesome and contain the essential vitamins. Growing children should be fed carrots regularly. Our carrot seed is grown from carefully selected roots and will produce the kind of crop that you want.

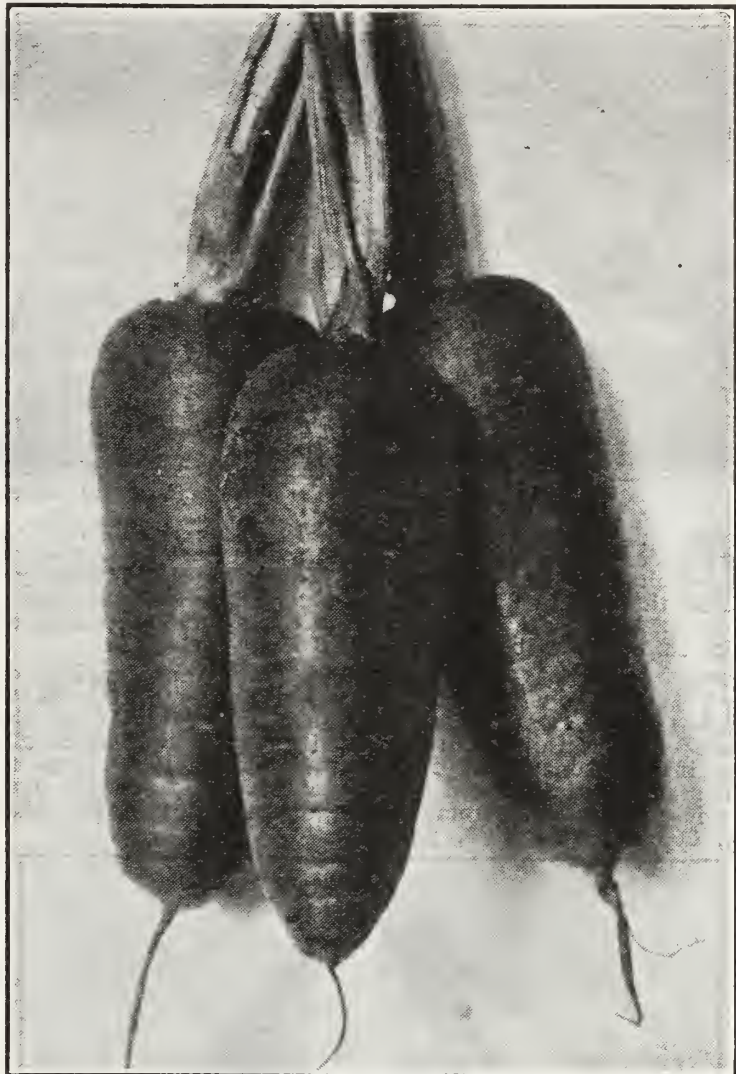
CULTURE: Carrots will do well on practically any soil although they will do the best on loam. Sow the seed as early as possible in rows 18 to 24 inches apart. Thin the seedlings to 2 or 3 inches in the row. The seed should be sown to a depth of about 4 times the diameter of the seed. Do not depend upon only one planting of carrots as they are at their best when young and tender. Plant every two or three weeks up to the middle of July.



Danvers Half Long Carrot.

100. **★DANVERS HALF LONG.** A splendid carrot, grown for its productiveness and table quality. One of the best and most desirable for home or market garden. Roots 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. Pkt., 7c; oz., 12c; ¼ lb., 32c; lb., 95c, postpaid.

107. **★OLDS' NEW RED CORED CHANTENAY.** (See inside front cover for complete description.) This new carrot is one of the outstanding items on our list. It very closely resembles our select stock of early Chantenay. The core is practically the same color as the root giving it the appearance of being coreless. Pkt., 15c; oz., 25c; ¼ lb., 65c; lb., \$2.25, postpaid.



Early Chantenay Carrot.

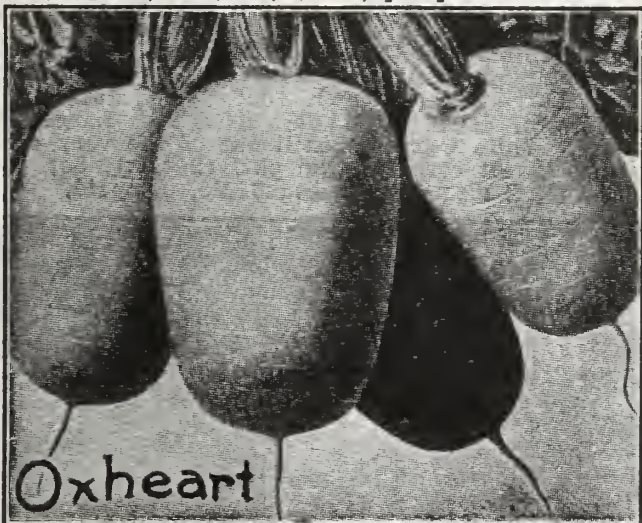
106. **★EARLY CHANTENAY. SELECT STRAIN.** One of the most popular varieties in America, for both table and stock purposes. The true type is half long, thick and very stump rooted, and in dimensions 5½ inches long, 2 to 2½ inches thick at the crown and tapering to 1 to 1½ inches at the bottom where it is very stump rooted with a decided rat tail. The color is bright orange scarlet and the core is rather large and definite. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

102. **OLDS' IMPROVED LONG ORANGE.** A well known standard variety; roots 12 inches long, thick at the crown and tapering regularly to a point; color deep orange; suitable for both table and field crop. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

STOCK CARROTS.

111. **LONG ORANGE BELGIAN.** While most of our other varieties of carrots also can be profitably grown for stock, Long Orange Belgian, on account of its great productiveness, will be found a most desirable variety to grow for feed. The roots are mammoth in size, about 20 inches long, yielding often as high as 10 tons per acre. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

112. **MASTODON.** The heaviest cropper of all varieties, yielding more tons to the acre than any other. Creamy white in color and of excellent quality. Pkt., 7c; oz., 12c; ¼ lb., 25c; lb., 80c, postpaid.



103. **★OXHEART.** Very popular and pronounced by many "the best all around carrot." Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. Pkt., 7c; oz., 12c; ¼ lb., 25c; lb., 80c, postpaid.

105. **EARLIEST FRENCH FORCING.** The earliest carrot; best for forcing; roots almost round, 2½ inches through. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

108. **OLDS' HALF LONG STUMP ROOTED.** For smoothness, even shape, absence of rootlets and small tap root, this carrot is unsurpassed. Roots 6 to 8 inches long, nearly cylindrical and blunt. Red flesh, sweet and mild. Pkt., 7c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

"Please find enclosed order for seeds. You will notice that in the order are some extra 10c packets of the same kind of seed that I am ordering for a friend I recommended your seeds to. I know they will have the same confidence in Olds' Seeds as I have.

Last year was the first time I ever sent for seed. I never had better seeds than those I received of you. I have tried parsley seed for years without good results until last year when I got your Champion Moss Curled Parsley and it was wonderful. I never saw such a lovely lot of parsley. I cut over the bed of parsley three times and dried for winter use.

The Black Seeded Simpson lettuce was everything that it said, "Brittle, crisp and sweet" and the Olds' Giant Prize Mixed Parsley seed could not be beat. Every seed grew and I had a lovely lot of pansies. Certainly like your seeds.

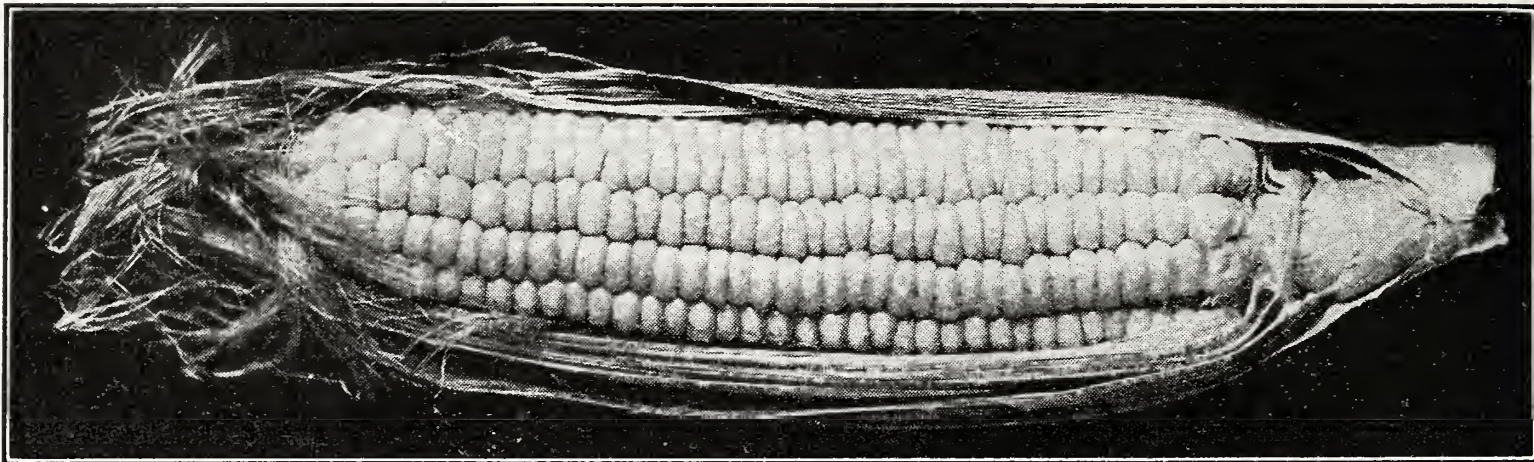
My order is over double the amount of seed this year which speaks for itself. "There's a reason; Olds' Seed always, for best results."

Mrs. James Tregear, Michigan

OLDS' SWEET CORN

Our sweet corn is northern grown and on that account will produce an earlier crop. Sweet corn is at its best right after it is picked. Plan to have it in succession. Use Semesan Jr. on your seed. See page 9.

CULTURE: Good sweet corn can be raised on most any fairly rich land. The ground should be deeply and thoroughly worked before planting. Give frequent shallow cultivation until the tassels appear. Plant in rows 3 feet apart and about 10 to 12 inches apart in the row. Our packets are larger than the usual packets and each contains enough seed to plant 30 to 40 hills. Eleven pounds will plant an acre. See our **Market Gardeners' Price List** for prices on larger amounts. (Pages 29 and 30.)



Olds' Golden Sunshine Sweet Corn.

148. ★OLDS' GOLDEN SUNSHINE. This new valuable variety was developed and introduced by Dr. Yeager of the North Dakota Agricultural Experiment Station. It has a rich golden color; the ears are about one inch longer than Golden Bantam and usually have 12 rows instead of 8, while the quality practically equals that of the famous Bantam. The most important feature of Golden Sunshine Corn is its extreme earliness. It is actually 7 to 10 days earlier than Golden Bantam, and will remain in the eating stage longer. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.65, postpaid.

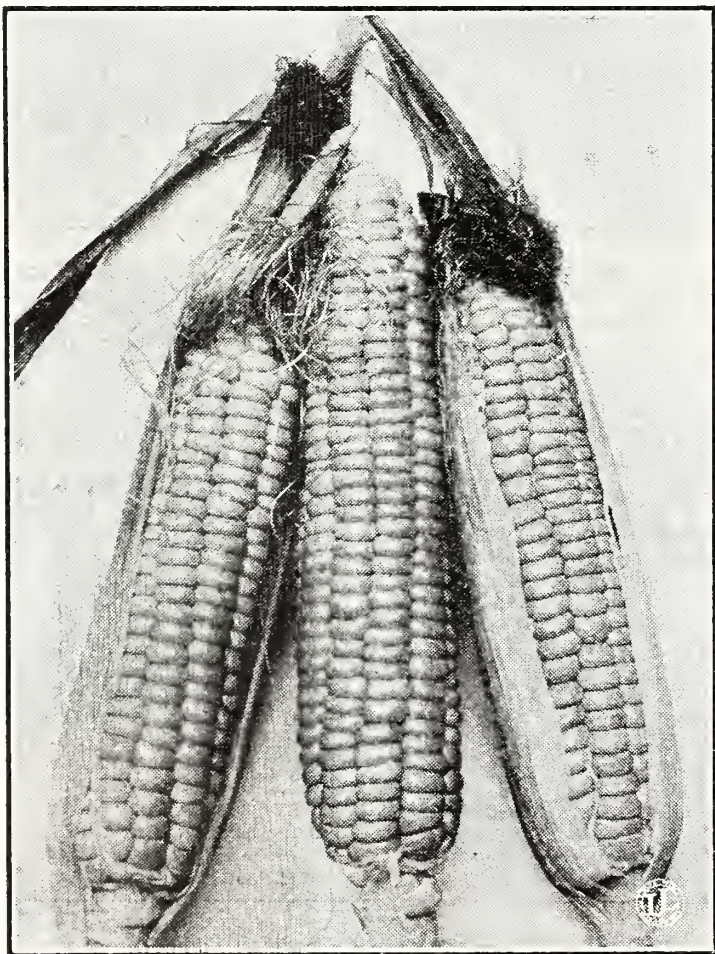
144. ★GOLDEN GEM. Our new variety of sweet corn introduced by Dr. Yeager of the North Dakota Experiment Station. Very similar to the famous Golden Bantam and one of the finest of all. See inside front cover for complete description. Due to the scarcity of the seed we cannot accept orders for over 2 pounds from a customer. Large pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.00, postpaid.

142½. BANTAM EVERGREEN. Combines the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The ears are eight inches long and have twelve to fourteen rows. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c, postpaid.

140½. ★BLACK MEXICAN. One of the largest and sweetest of all varieties of sweet corn. Ears 8 to 10 inches long. Kernels white when in the eating state. The best second early for the home garden. Large pkt., 7c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.30, postpaid.

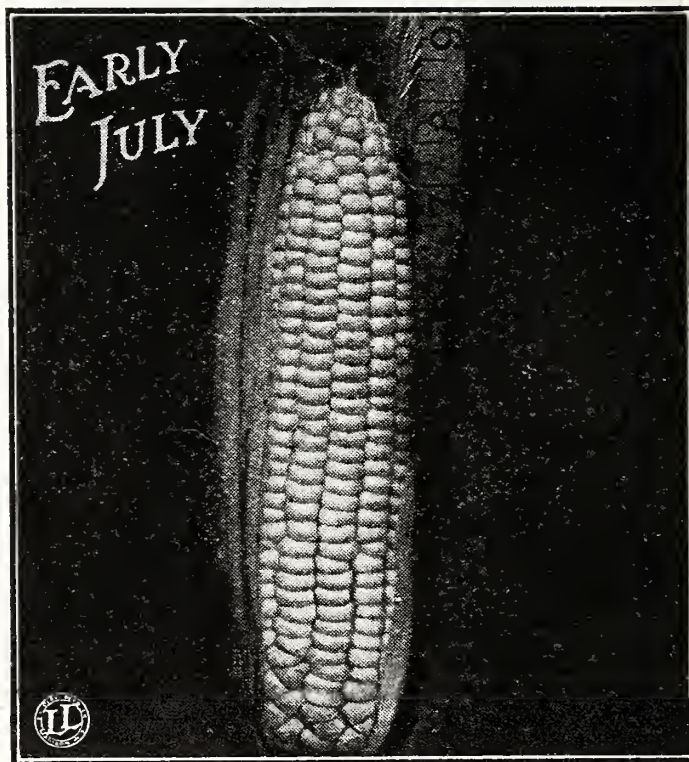
141½. GOLDEN CREAM. A late yellow. A cross of Golden Bantam and Country Gentleman. The result is a yellow Country Gentleman with all its excellent table qualities. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 45c.

136. MAMMOTH WHITE CORY. Larger than the original White Cory and still one of the very earliest varieties of sweet corn. Large pkt. (2 ozs.), 5c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.20, postpaid.



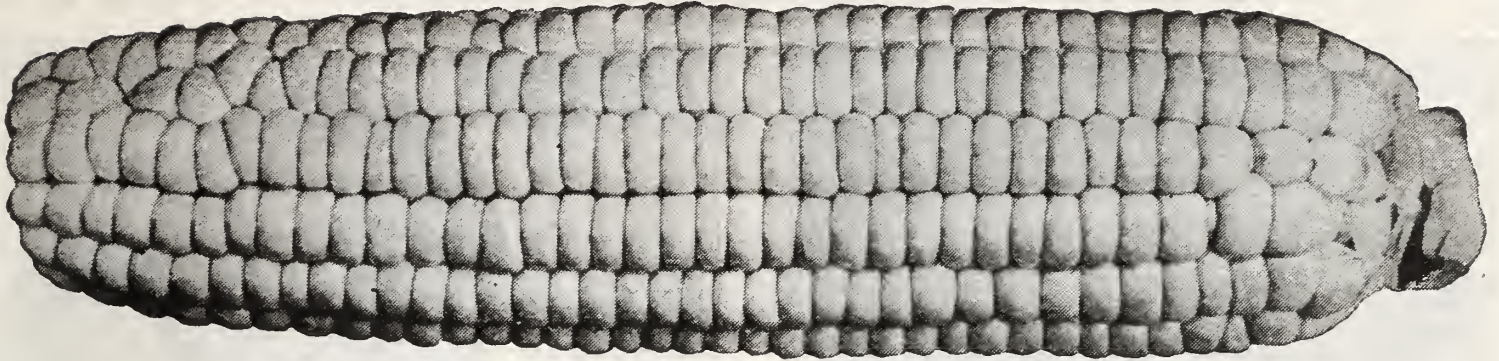
Golden Bantam.

142. ★GOLDEN BANTAM. Most popular variety in the United States. The flavor is deliciously distinct, superior to that of any other corn. The small 8-rowed ears, usually less than 6 inches in length and several on a stalk, are perhaps higher in sugar content than any other corn. The kernels are tender, very wide and of good depth, and the flavor delicious. Large pkt. (2 ozs.), 10c; ½ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.20, postpaid.



135½. ★OLDS' EARLY JULY. Will produce corn ready for table use in 60 days. The ears are creamy white, about seven inches long and on account of the very admirable habit of producing two, three and even four good ears to the stalk is really very productive. Excellent quality. Large pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.50.

OLDS' SWEET CORN



Stowell's Evergreen Sweet Corn.

147. **★STOWELL'S EVERGREEN.** The best known and most largely planted of all late varieties. Stowell's Evergreen has proven its worth over and over again, during a period of many years. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use; hence the name, Evergreen. Large pkt. (2 ozs.), 7c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

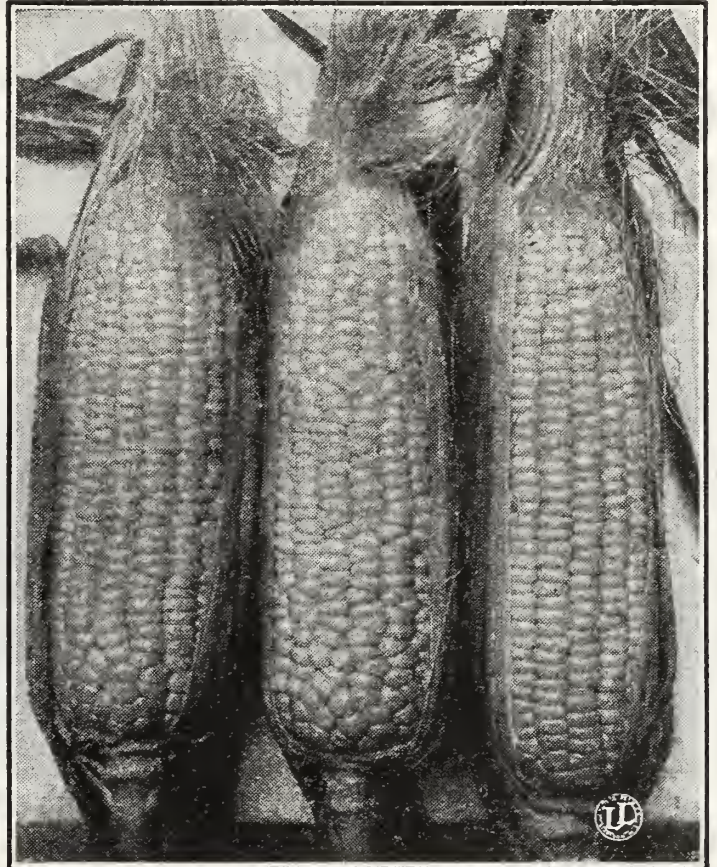
139½. **★COUNTRY GENTLEMAN.** Often called "Shoe-peg," corn because of the long, narrow, pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with 2 to 5 big ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long pearly-white kernels set closely on a remarkably small cob. Sweeter and finer flavored than any other white corn and one of the best of the late varieties for table use. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 45c; 2 lbs., 75c, postpaid.



145. **★OLDS' EARLY EVERGREEN.** An extra fine strain of Stowell's Evergreen with large ears, yet ready for the table 7 to 8 days earlier than Stowell's. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. Large pkt. (2 ozs.), 10c; ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

138½. **★HOWLING MOB.** This variety is so valuable that it heads the list with many growers. When it was first offered the demand for it became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early or main crop varieties. Very productive, ears nine to ten inches long, and sixteen rows. Large pkt. (2 ozs.), 10c; ½ lb., 17c; lb., 32c; 2 lbs., 60c, postpaid.

Note—Use Special High Analysis Corn Fertilizer (4-16-4) with your Sweet Corn and Pop Corn. See page 92.



Early Champion.

139. **★EARLY CHAMPION.** One of the best main crop, second-early varieties. Stalks large and leafy; strong-growing and dependable. The ears are large, usually two on a stalk. Kernels are large and white and full of milk; 10 to 12 rows to the ear.

An all-around good sweet corn for either home or market garden. Large pkt. (2 ozs.), 7c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00, postpaid.

OLDS' POP CORN

154½. **★TOM THUMB.** Known also as Hulless, Dwarf Rice and Squirrel Tooth. This variety grows very dwarf, and the ears are short and stubby, with long narrow pointed kernels. It is ready for popping soon after it is husked. It is almost hullless and when popped there is no hard center, making it the finest eating of all varieties. Pearly white in color, ears very uniform in size and of peculiar shape. It is a favorite in all markets now and in fact has about displaced all other pop corn. Much more tender than White Rice and has just enough yellow tinge to look rich. Pkt., 7c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

150. **WHITE RICE.** The familiar shoepegged variety, several good sized ears to each stalk. Pkt., 5c; ½ lb., 18c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.10, postpaid.

154. **OLDS' BLUE BEAUTY.** Medium sized ear, almost blue, very productive and a good popper. Pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00, postpaid.

151. **QUEEN'S GOLDEN.** Long yellow ears with flat round kernels. Ears produced in abundance and easy to husk. Pkt., 5c; ½ lb., 18c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.10, postpaid.

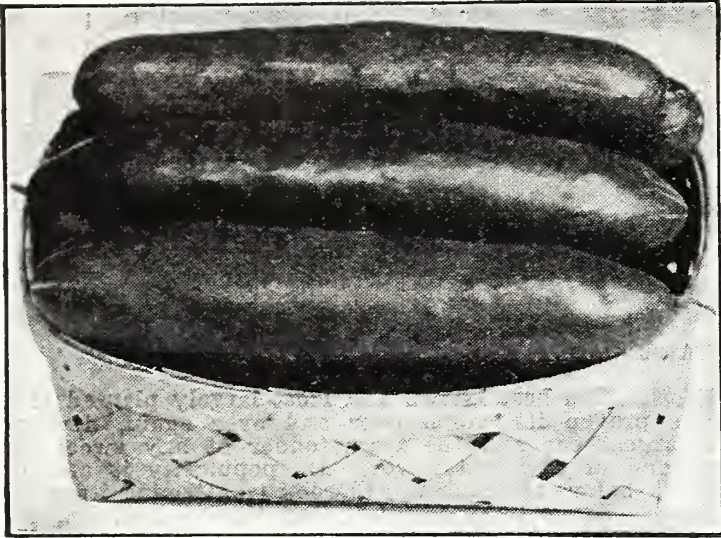
HOW TO PICK SWEET CORN. To have the finest sweet corn, you must pick it when in just the right condition, that is, when the skin of the grain breaks at the slightest puncture.



Tom Thumb Pop Corn.

OLDS' CUCUMBERS

CULTURE: Plant in hills 4 feet apart, as soon as the weather is favorable, sowing 8 to 12 seeds to a hill and covering about one inch deep. When the fourth leaf appears thin to 3 plants to the hill. A packet will plant 12 to 15 hills, two pounds one acre. Use Bug Death or Slug Shot for the striped bugs. See page 93.



Olds' Longfellow Cucumber.

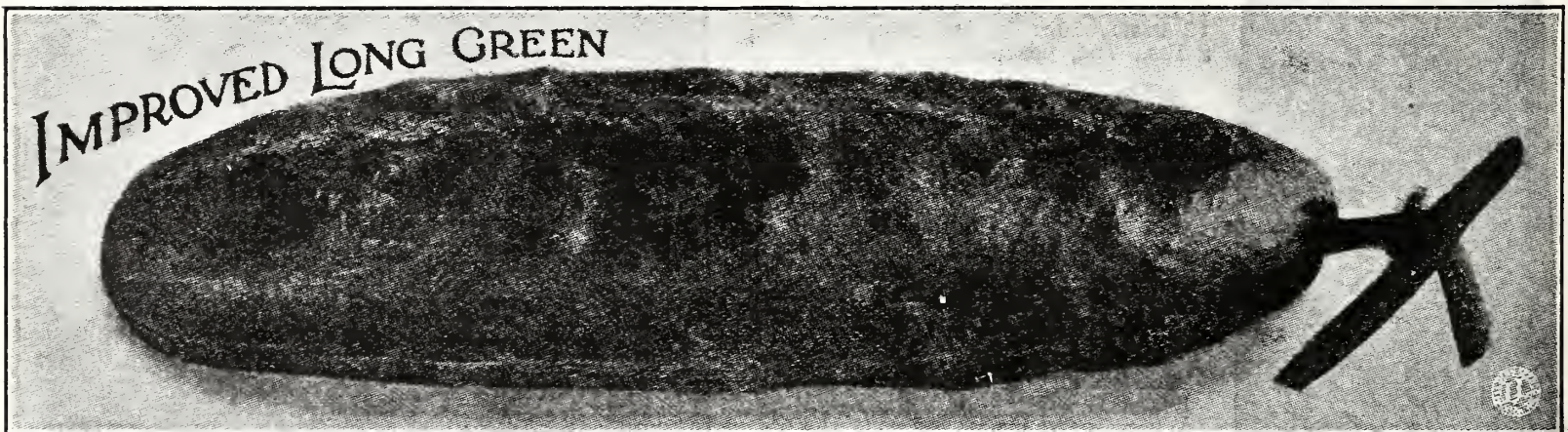
172. OLDS' LONGFELLOW. The cucumbers are 12 to 16 inches long, thinner than Davis Perfect and very uniform in shape and size, with decidedly few seeds. The color is dark green and will remain so until ripe. Pkt., 15c; oz., 35c; ¼ lb., 90c; lb., \$2.75, postpaid.

156. EARLY GREEN CLUSTER. A small variety, about 6 inches in length, produced in clusters. Very early, prolific and uniform. Skin smooth, the ends tapering slightly. Pkt., 5c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.



158. ★OLDS' IMPROVED CHICAGO PICKLING. Our best seller of all cucumbers. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. An excellent pickling variety. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., 95c; 2 lbs., \$1.80, postpaid.

163. ★CUMBERLAND. One of the best all purpose cucumbers with only a few seeds and a small seed cavity. A rapid grower. The fruit is straight and of good form, firm and crisp. An excellent early slicer. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25, postpaid.



165. OLDS' IMPROVED LONG GREEN. A standard main crop, table and pickling variety. One of our largest sellers. Vines vigorous and productive. Fruits are 12 to 14 inches long, firm and crisp. Color deep green, flesh white and firm. Pkt., 7c; oz., 20c; ¼ lb., 40c; lb., \$1.20; 2 lbs., \$2.10, postpaid.

162½. KLONDIKE. White Spine variety. Medium early, dark green, about 7 inches long. The fruits are thick at the stem end, very attractive in appearance, retaining color and crispness a long time. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 2 lbs., \$2.00, postpaid.

159½. OLDS' EARLIEST WHITE SPINE. The earliest White Spine. It is, in fact, probably the earliest of all large cucumbers, being fully ten days ahead of the other big ones. Uniform, smooth, handsome in appearance. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., 95c; 2 lbs., \$1.80, postpaid.

160½. ★OLDS' EARLY FORTUNE. Very popular and by many considered the finest type of all the White Spine varieties. Certainly one of the best cucumbers ever introduced; very productive and disease resistant, dark green skin; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds. Pkt., 7c; oz., 20c; ¼ lb., 40c; lb., \$1.20; 2 lbs., \$2.20, postpaid.

169. ★DAVIS PERFECT. White Spine type. A very popular strain. One of the smoothest and most uniform in shape of all cucumbers. Of a deep green color when in the slicing stage, medium late. Pkt., 7c; oz., 20c; ¼ lb., 40c; lb., \$1.20; 2 lbs., \$2.20, postpaid.

168. ★EARLY RUSSIAN. The earliest cucumber in cultivation. It is very even, smooth, tender, crisp and is hardy and free from disease. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c, postpaid.



164. OLDS' SELECT WHITE SPINE. We think this is the best White Spine; no other variety excels it in quality. A very select strain, almost cylindrical in shape, very productive. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25; 2 lbs., \$2.40, postpaid.

LITTLE KNOWN VEGETABLES FOR EVERY GARDEN

We are offering on this page vegetables which are little known but which should be included in every garden. In the home garden, space can always be found for a few Egg Plants, some Brussels Sprouts, Kohl Rabi and so on. These vegetables are not usually available in the market but have a garden of your own and put in what you please.



Black Beauty Egg Plant.

EGG PLANT.

Egg Plant is easily grown and is a good substitute for meat. When cooked in fat it has a fine food value and is also good when sliced, rolled in beaten egg yolk and crumbs, seasoned and fried. Egg Plants can also be stuffed and baked.

181. **★BLACK BEAUTY.** The best egg plant to grow for early market. Also the best for home use. It is fully ten days earlier than the New York Improved Purple and nearly as large. Spineless. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

180. **NEW YORK IMPROVED PURPLE.** The favorite market variety. Plant is large and spreading. Pkt., 10c; oz., 40c; ¼ lb., \$1.40; lb., \$4.50, postpaid.



Early White Vienna Kohl Rabi

KOHL RABI.

Kohl Rabi has a turnip and cabbage flavor. The bulb which is formed above the ground is cooked like turnips.

205. **EARLY WHITE VIENNA.** Probably the best early variety. Extremely early with small tops. Medium size, handsome, white bulbs. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25, postpaid.

206. **PURPLE VIENNA.** A popular variety for table use. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

OKRA

The long pods are used in soups and salads. Plants must be started indoors in pots.

278. **WHITE VELVET.** Very productive and superior in flavor to any other variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

HERBS

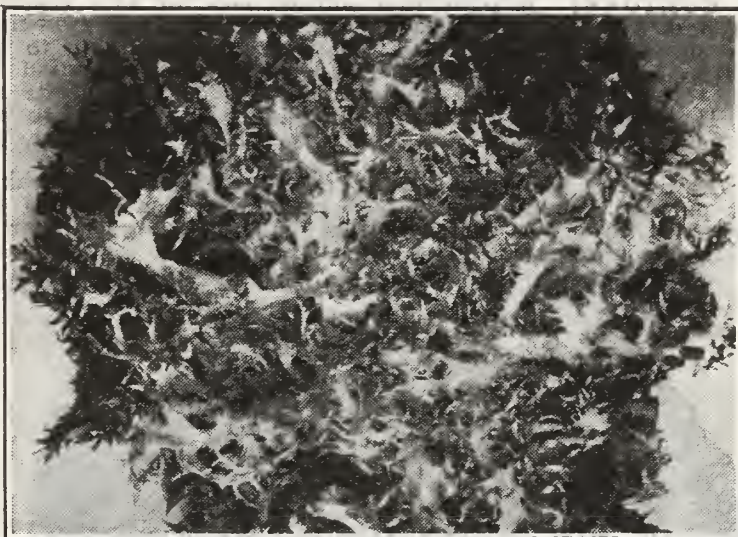
483. **CARAWAY.** Seed used in rye bread, cookies and cakes. Pkt. 10c; oz. 15c, postpaid.

485. **DILL.** Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 10c; oz., 15c; ¼ lb., 40c, postpaid.

489. **MARJORAM.** Sweet. Tops green or dried, used for flavoring soups. Pkt., 10c; oz., 35c, postpaid.

492. **SAGE.** (Perennial.) Dried leaves much used for seasoning in dressings; the most popular of all herbs. Pkt., 10c; oz., 40c, postpaid.

499. **MIXED HERBS.** A mixture of all varieties. Pkt. 10c; oz., 20c, postpaid.



White Curled Endive

ENDIVE.

Endive or French Lettuce is one of the finest salad greens and is also valuable for garnishing. It can also be used for flavoring stews and soups.

185. **GREEN CURLED.** Dark green leaves; blanches white. Very attractive.

186. **WHITE CURLED.** Leaves finely cut and almost white. Fine for salad.

187. **BROAD-LEAVED BATAVIAN.** Leaves very broad. All varieties. Pkt., 7c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

GOURDS.

199. **MIXED GOURDS.** This mixture contains a very wide range of colors, shapes, and sizes. Pkt., 8c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

193. **HERCULES CLUB.** Edible, ornamental, and useful. Pkt., 8c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

CHICORY

130½. **WITLOOF.** (French Endive.) A delicious winter salad. Grown for its delicate shoots. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

CRESS

Used for salads and flavoring.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Pkt., 7c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

KALE.

Kale is usually grown for greens and is also used here in the north as green feed for chickens.

201. **DWARF CURLED SCOTCH.** Dwarf spreading variety. Attractive bright green color. Very hardy. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

BROCCOLI.

97. **OLDS' ITALIAN GREEN SPROUTING.**

This new and distinct variety of Broccoli forms a plant with a large solid head, that remains green. When the central head is cut, numerous sprouts develop from the large axis, every sprout terminating in small, green heads. These heads are cut and served like cauliflower. Pkt., 15c; oz., 80c; ¼ lb., \$3.00; lb., \$15.00.



Olds' New Danish Brussels Sprouts

BRUSSELS SPROUTS.

Brussels Sprouts are miniature cabbages formed on the plant stalk. The culture is the same as that of cabbage.

65. **OLDS' NEW DANISH.** The plants are strong and robust, and the stalks are large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts are fine and solid the entire length. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00, postpaid.

LEEK.

Leeks are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. **AMERICAN FLAG.** Large, thick stems. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

MUSTARD.

Used for greens and salads.

257. **SOUTHERN GIANT CURLED.** Most popular variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

OLDS' LETTUCE

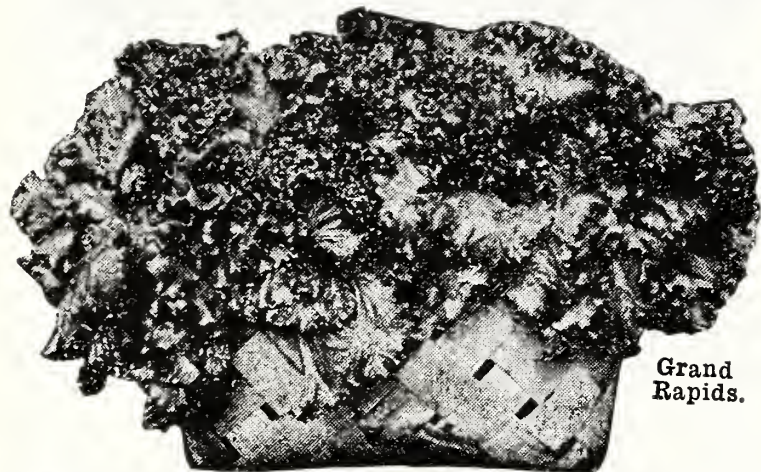
Lettuce is one of the easiest to grow of all garden vegetables. Everyone should sow some. Lettuce is rich in all the vitamins and also contains iron. It is one of the most important leafy vegetables.

CULTURE: A light rich soil is best for this vegetable but it will do well on practically any good garden soil. The best lettuce will be had by keeping the crop growing rapidly. Leaf lettuce should be planted in the open ground as soon as it can be worked. Sow in rows and thin to a distance that will allow proper growth. Head lettuce should be started either in cold frames and transplanted in the open or sown in about the same manner as the loose leaf. The plants should be thinned to about 12 inches apart.

It is necessary to have cool weather for lettuce to head up well and the earlier the plants can be started in the field the surer you are of a crop. Head lettuce can be again planted in the fall and will head up well during the cool fall days.

Lettuce is an exceptionally good green food for chicks and the plants that are thinned out should be used for that purpose. Our packets each contain enough seed to sow 25 or 30 feet. Three pounds will sow an acre. Those marked with a star are varieties which we especially recommend. Ask for our leaflet on lettuce culture. If you are in the market for large quantities of seed consult our Market Gardeners' Price List on pages 29 and 30.

LOOSE LEAF VARIETIES



Grand Rapids.

215. ★GRAND RAPIDS. (Olds' Earliest Forcing.) A loose-leaf lettuce. The earliest variety we list and doubtless the earliest lettuce grown. It makes a rapid, upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Well known and a favorite everywhere. Pkt., 7c; oz., 15c; 1/4 lb., 50c; lb., \$1.50, postpaid.

January 24, 1930

"Just a line to let you know that I consider your garden seed the best in that line. I purchased some of your seed last year, (1929) and raised a fine crop from same and therefore I send you my compliments on the seeds you sell. It is a pleasure to do business with a firm which deals in the best in their line and gives their customers a square deal."

Nick Johnson, Michigan



Paris White Cos.

231. PARIS WHITE COS. The aristocrat of the lettuce family. Distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads which are self blanching. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 7c; oz., 15c; 1/4 lb., 50c; lb., \$1.60, postpaid.



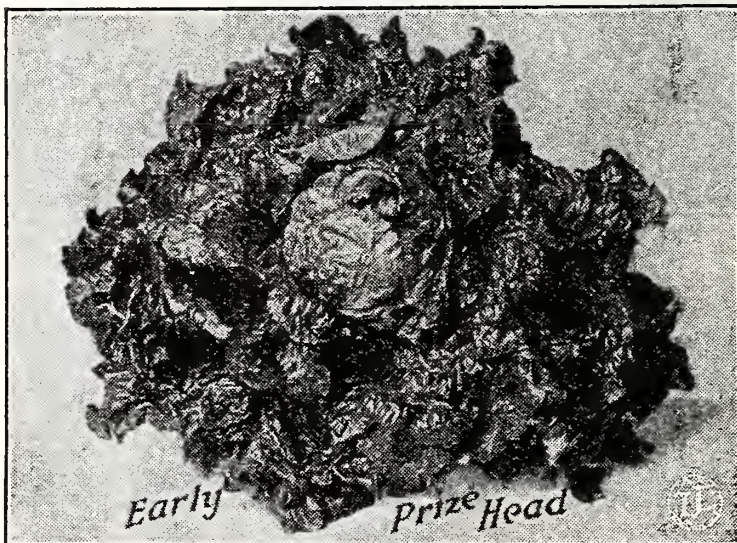
Black-Seeded Simpson Lettuce.

219. OLDS' BLACK-SEEDED SIMPSON. Probably the most widely planted loose-leaf variety. The leaves, pale green in color, are much curled and twisted, very brittle, crisp and sweet. A quick growing early variety; leaves may be cut when quite small. Our favorite lettuce of all the varieties. Pkt., 8c; oz., 17c; 1/4 lb., 50c; lb., \$1.60, postpaid.

234. OLDS' LETTUCE MIXTURE. Consists of a splendid assortment and contains early, second early and late lettuce; looseleaf, semi-heading and head lettuce; smooth leaf, curly leaf and notched leaf lettuce; leaves of light green, medium green, dark green and reddish-brown. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.15, postpaid.

Vitamines and Minerals for Health.

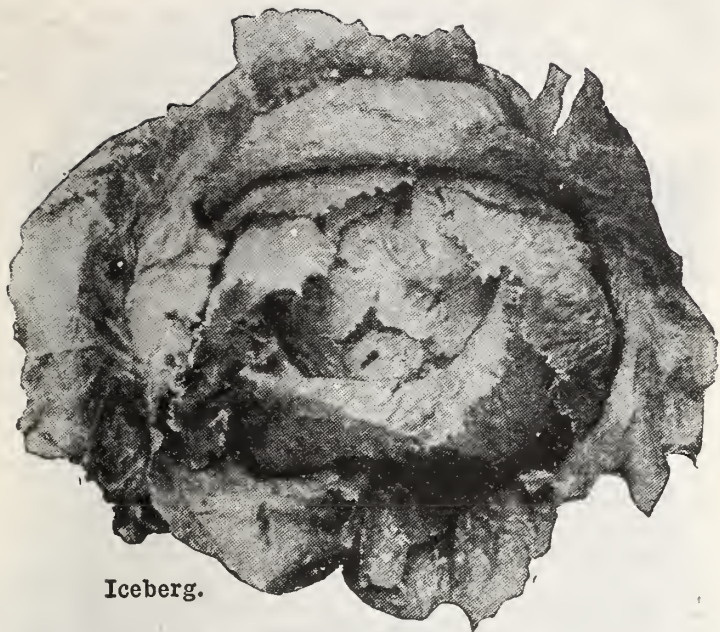
The vitamins and minerals which make the vegetables so valuable in their diet for health are found in greatest amount in vegetables that are strictly fresh. Those you cannot buy. You have to grow them yourself. People who have never eaten home-grown vegetables do not know what first quality vegetables are. Resolve to have your own vegetable garden this year.



Early Prizehead

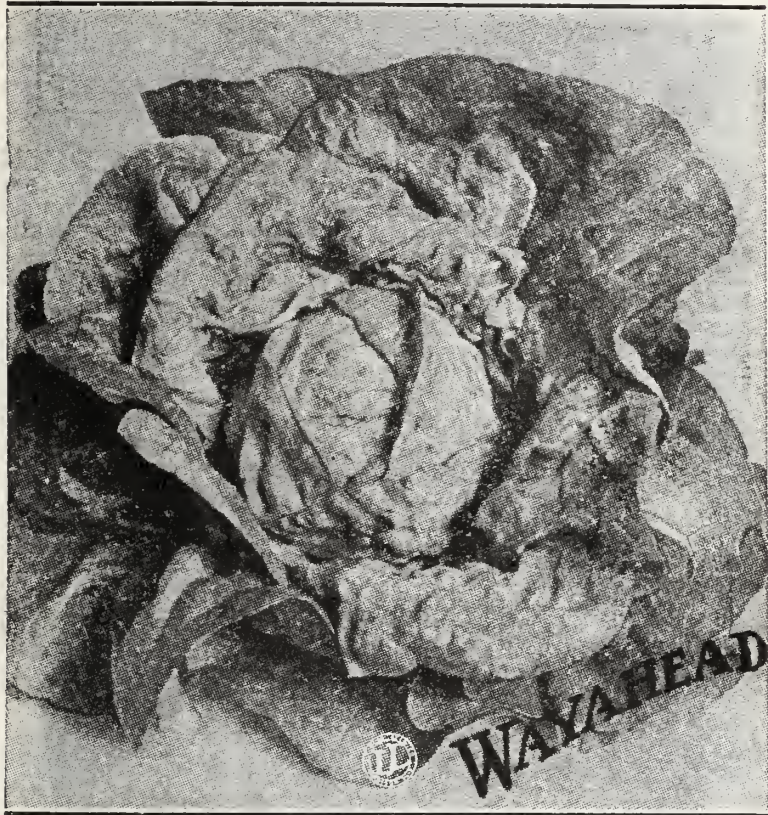
220. ★EARLY PRIZEHEAD. One of the best known and most popular varieties in America. It is a curled, crisp, loose leaf lettuce of medium size; color, green overlaid with reddish-brown. It is one of the best home varieties as it grows quickly and makes an abundance of crisp leaves of the best flavor. Pkt., 7c; oz., 17c; 1/4 lb., 45c; lb., \$1.45, postpaid.

OLDS' LETTUCE HEAD VARIETIES



Iceberg.

216. **ICEBERG.** A large, medium late, cabbage-heading lettuce. Heads very hard. Curled and crisp leaves; wavy with fringed edges. It retains its brittleness even in hot weather. Pkt., 7c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.



232. **★OLDS' WAYAHEAD.** In our trials Way-ahead has proved to be the very earliest head lettuce—nor does it lose anything in size because of its earliness, for it averages fully as large as the later varieties. The light green leaves are tightly folded, making firm, compact, solid heads that blanch to a rich buttery yellow. Tender, brittle and sweet. Pkt., 7c; oz., 15c; ¼ lb., 45c; lb., \$1.40, postpaid.

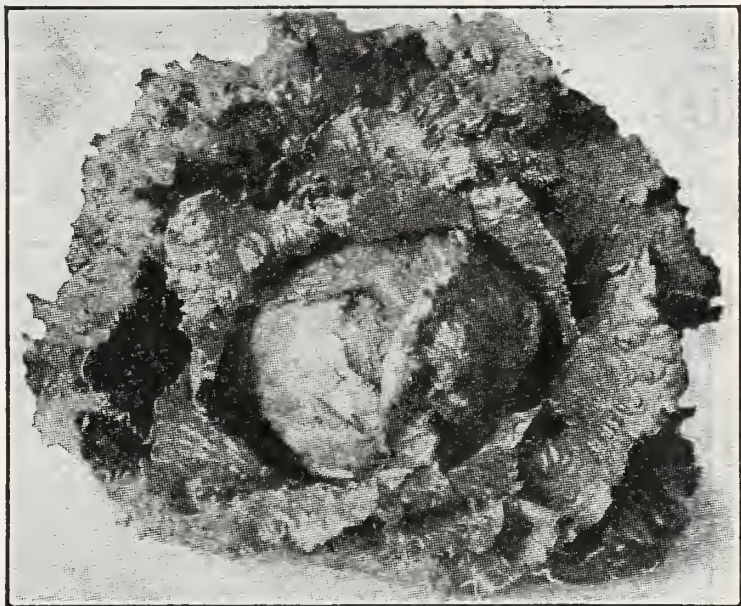
217. **HANSON'S IMPROVED.** The old reliable sure heading variety. Hardy, globular, large and light colored. Leaves fairly large, blistered and crumpled. Color light green. Quality good. This variety will withstand the hot season better than most sorts and is a slow seeder. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

223. **★WHITE BOSTON.** This variety of head lettuce resembles the Big Boston. Is quite popular with the eastern growers. It is a fairly new variety, and so far has been resistant to tip burn; early, hardy and a brittle head. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40, postpaid.



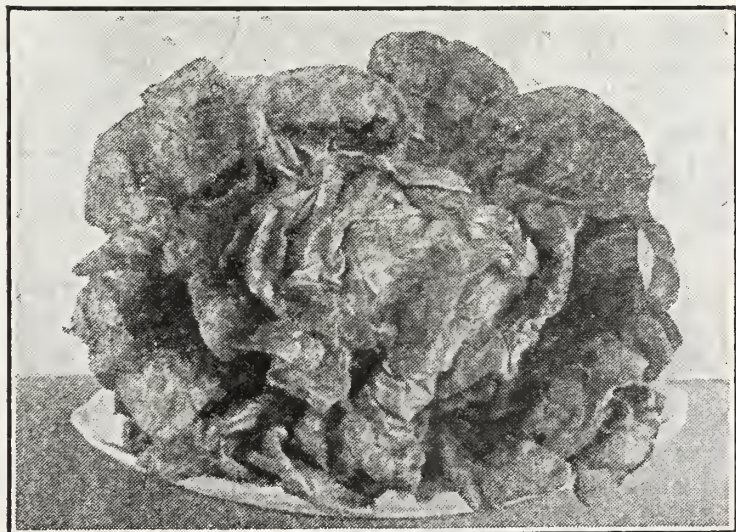
Big Boston.

222. **★BIG BOSTON.** A popular head lettuce. One of the most largely grown varieties in cultivation; early, hardy, with brittle head tending to a golden yellow. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.



New York or Wonderful.

218. **★NEW YORK OR WONDERFUL.** The largest head lettuce of all and the most popular. It frequently weighs two to three pounds. The heart is very solid and of a pleasing dark green color. Leaves are large and crumpled. Ready for market in 60 to 65 days from planting time. Pkt., 7c; oz., 20c; ¼ lb., 65c; lb., \$2.20.



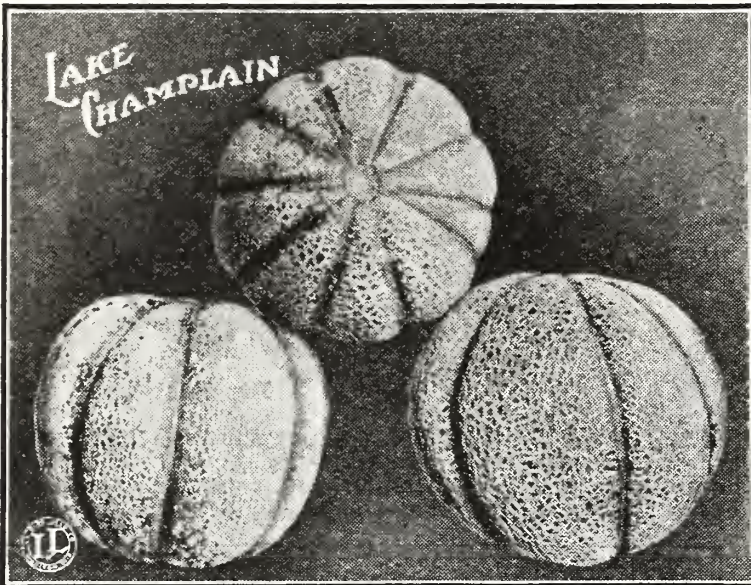
May King Lettuce.

227. **★MAY KING.** A cabbage type with butter head. Medium small, light green, tinged slightly at the edges with brown; one of the best extra early-heading varieties. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.40.

OLDS' MUSKMELONS

Our muskmelon seed is all northern grown and will ripen far ahead of southern grown seed. Early crops bring the best prices. Bear this in mind when placing your order for seeds.

CULTURE: Muskmelons desire a warm rich soil, preferably sandy. Plant in the open ground as soon as the weather is warm. Plant seed in hills 4 to 6 feet apart each way and 8 to 10 seeds in a hill. After the danger of insects is over thin to 3 plants to a hill. Fertilizer worked into the soil is a great help. We recommend Vigoro or 4-8-6. See page 92. Muskmelons can be started in paper pots and transplanted to the open field. In this way you gain 2 to 3 weeks in earliness. One packet of seed will plant 10 to 15 hills; 2 to 3 pounds an acre.



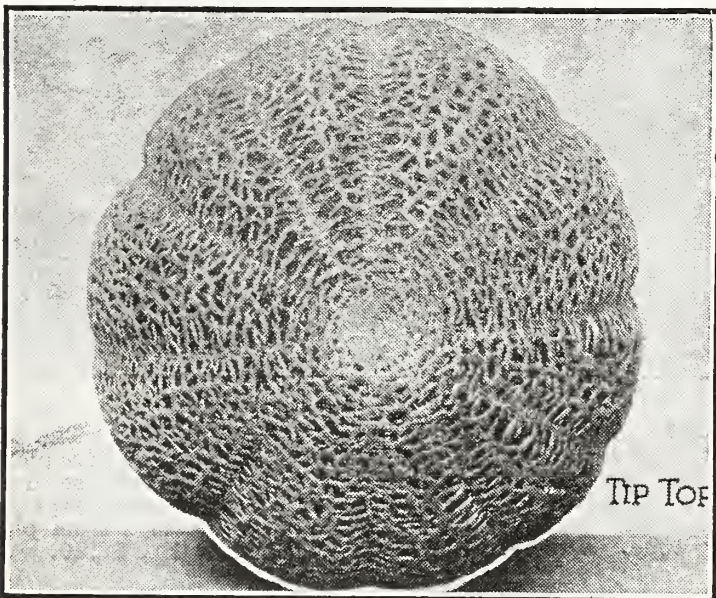
235. ★LAKE CHAMPLAIN. The new extra early. On our trial grounds, the earliest in fact of all varieties. Lake Champlain is a round melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. A very fine extra early quality melon for the home garden. Pkt., 10c; oz., 22c; ¼ lb., 55c; lb., \$1.75, postpaid.



Olds' Honey or Sugar Rock.

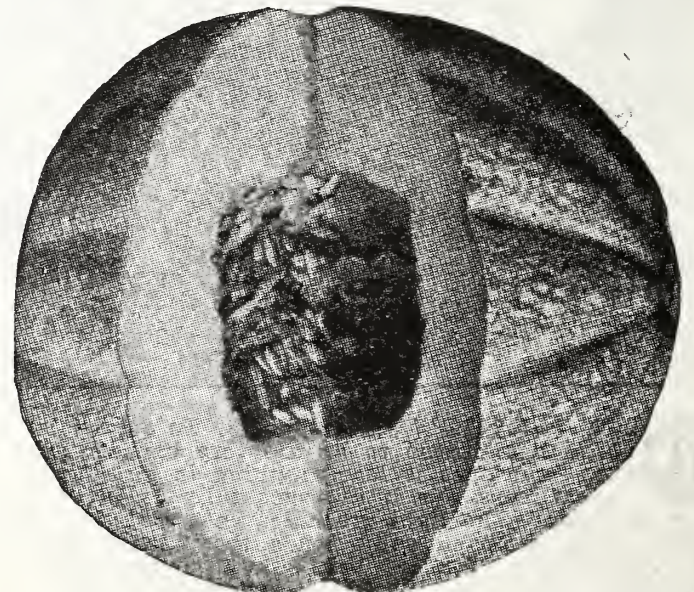
251. ★OLDS' HONEY OR SUGAR ROCK. Our 1930 introduction. This melon has four outstanding characteristics—quality, productiveness, ability to stand shipping and handling and striking appearance.

The Honey or Sugar Rock has a deep orange flesh and has a flavor different from other sorts. It cannot be appreciated without tasting it. The fruits are oval and medium in size, not ribbed. Matures in about 85 days from seed. This melon is not as large as the Milwaukee Market nor will it weigh as much. Pkt., 15c; oz., 30c; ¼ lb., 75c; lb., \$2.40, postpaid.



254. TIP TOP. Tip Top in quality, appearance and productiveness. Skin pale green ribbed and lightly netted. Flesh deep salmon, sweet and spicy, fine flavored and eatable to the rind. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., \$1.20.

244. OLDS' ROCKY FORD. Just the right size to serve in halves. It is medium early with vigorous and productive vines. The melons are almost round, ribbed, densely netted; flesh, green. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

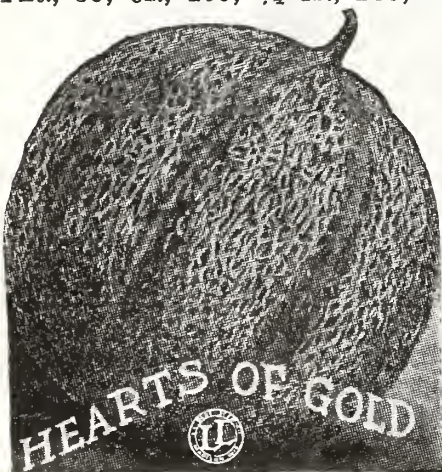


Milwaukee Market.

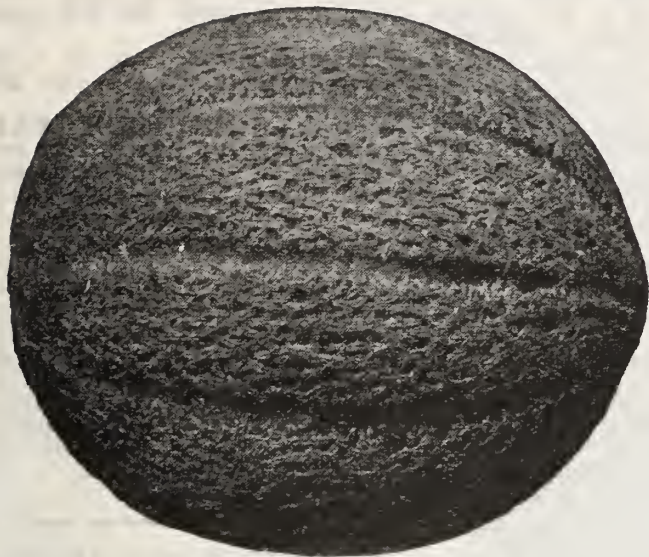
241½. ★MILWAUKEE MARKET. One of the best melons for both market and home garden. Prolific, vigorous in growth and unsurpassed in flavor. This new melon is now more largely grown, in this section at least, than any other variety. The skin is light green, fruits nearly round with a small seed cavity. Flesh a deep salmon color, thick, firm and solid. Our largest seller. Pkt., 8c; oz., 17c; ¼ lb., 40c; lb., \$1.25, postpaid.

February 8, 1930
"Have bought Olds' Dollar Collection for the last three years and we could not pick out a better variety of seeds for our home garden if we sat up all night and went through your catalog item by item. Seeds are fresh and grow extra good. Well pleased with them." Otto C. Greener, Indiana

247. HEARTS OF GOLD. (Improved Hoodoo.) One of the finest types of the early, small salmon fleshed melons. The melons are round, weighing about 1½ pounds each; lightly ribbed and covered with a fine grey netting; flesh sweet, very thick, deep salmon color; seed cavity, very small. Pkt., 7c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.



OLDS' MUSKMELONS



Early Model.



245. ★**OLDS' EARLY MODEL.** The perfect muskmelon. The Model is perfect in shape and size, sweet and delicious in flavor. Very productive. The flesh is green, seed cavity small with few seeds. On account of its size and shape, will bring fancy prices in any market and is also most satisfactory for home use. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10, postpaid.



Early Knight.

237. **EARLY KNIGHT.** (Sweet Air.) Extremely popular with eastern growers. It is a happy combination of earliness, productiveness and quality. The melons are nearly oval in shape; densely netted; of good size, with thick, medium green flesh that is very luscious. Pkt., 7c; oz., 20c; ¼ lb., 42c; lb., \$1.25, postpaid.

236. **EXTRA EARLY HACKENSACK.** An early selection from the old Hackensack and one of the most popular of the extra early green-fleshed varieties. Excellent quality. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 95c, postpaid.

247½. **GOLD LINED ROCKY FORD.** A splendid type of the green-fleshed Rocky Ford, with gold lining next to the seed cavity, making it unusually attractive when cut. Very thick-fleshed, spicy and sweet. Nearly round and completely covered with netting. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25, postpaid.

243. **BENDER'S SURPRISE.** A delicious, large, salmon fleshed melon, with superior shipping and keeping qualities. Greenish yellow skin with light netting. Pkt., 7c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

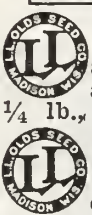
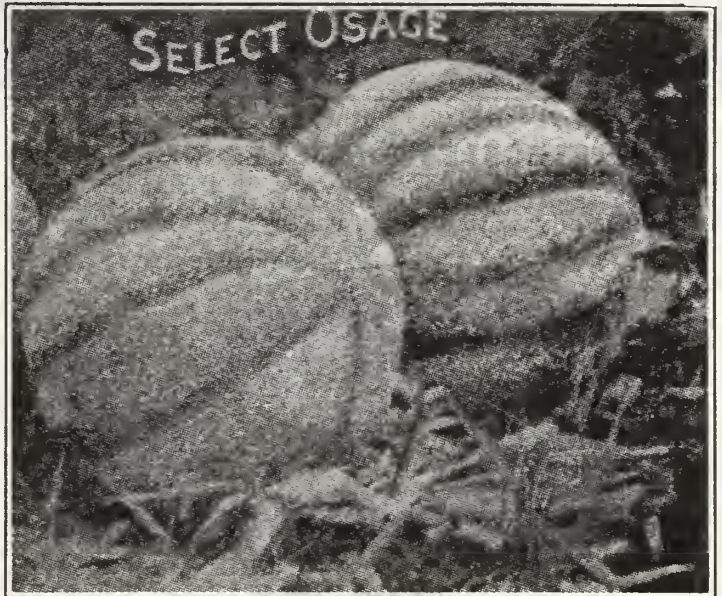
253. **HONEY DEW.** A distinct melon of the Casaba type. Smooth-skinned, of a light cream color. Melons 8 to 10 inches. Flesh green and very sweet. Late. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

238. ★**EMERALD GEM.** A splendid early melon for the kitchen garden or nearby market, but not a shipper. It is a small, smooth-skinned variety, flattened at the ends. The flesh is pink, very sweet and highly flavored and the fruit is of convenient size with a small seed cavity. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.

248½. **BANANA.** A very vigorous, hardy, main-crop melon, growing very long fruits, shaped somewhat like a banana. 14 inches in length and 4 inches in diameter. It is banana colored, pink-fleshed and fair quality. Pkt., 8c; oz., 20c; ¼ lb., 45c; lb., \$1.40, postpaid.

242. **BURRELL'S GEM.** An important commercial melon of the Netted Gem type. Second only to Rocky Ford in popularity for long distance shipping. Well netted. Flesh, salmon colored, very sweet and spicy. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 95c, postpaid.

246. **POLLOCK NO. 10-25.** A new type of Rocky Ford grown largely now not only in the Rocky Ford district as a commercial melon but by home gardeners and market gardeners where a small, salmon-tinted melon is desired. Pkt., 6c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.



239. **OLDS' SELECT OSAGE.** An oval shaped, salmon fleshed melon, unusually thick-meated, and spicy. The Osage has a reputation for quality ahead of all other varieties. Pkt., 7c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

240½. **EXTRA EARLY OSAGE.** A week earlier than Osage, the standard high quality melon for home use. Salmon-fleshed, spicy. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.



Rows 1, 3 and 5 from untreated pea seeds showed a germination of 58, 58 and 75% respectively, while rows 2, 4 and 6 from Semesan-dusted seeds gave a stand of 92, 100 and 100% respectively.

SEMESAN

Foremost Seed Disinfectant

Semesan Controls Disease and Increases Yield

"From a total planting on a number of farms of 150 acres of Semesan-treated stringless bean seed, we had a remarkably fine stand and the largest crop of our experience. In many plots the Semesan-treated seed yielded as much as twenty bushels more per acre than the untreated." R. W. Vane Packing Co., of Delaware.

Semesan Increases Germination

The New York Agricultural Experiment Station, reporting its results in Bulletin No. 554, with Semesan treatment of vegetable seeds, says that: "The outstanding features of the results were the startling stand increases from seed treatment in the earliest sowings, or, in other words, the sowings made when conditions for rapid germination were poorest."

Semesan is valuable for all kinds of vegetable crops. It is easily applied and the cost is very slight, ¼ cent to one cent per pound.

Prices: Not mailable, 2 oz. size, 50c; 8 oz. size, \$1.60; 1 lb. size, \$2.75; 5 lb. size, \$13.00.

(Ask for 16 page folder "Semesan, A Disinfectant for Vegetable seeds.")

OLDS' WATERMELONS

Our Watermelon seed is all northern grown. This seed is much better for planting in the north than southern grown. Each packet contains seed enough for 8 to 12 hills. Four to five pounds will plant an acre. Do not plant too early and plant in sandy soil if possible. It pays well to use fertilizer for melons.

CULTURE: Plant in hills 8 to 10 feet apart each way. When the danger of insects is over thin to 3 strong plants to a hill. Use Slug Shot to kill insects. See page 93. For larger amounts than quoted see our Market Gardeners' Price List, pages 29 and 30.



Kleckley's Sweet.

270. ★KLECKLEY'S SWEET. (Monte Cristo.) Our best seller of the whole list of watermelons. A fine, well known, medium early variety. It is a medium sized, dark green melon, often growing 20 inches long, with bright red flesh, ripening nearly to the rind. It is solid, crisp and melting; rind thin; flavor, very sweet and pleasing. A wonderfully satisfactory variety for home gardens and nearby markets. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., \$1.00.



Halbert Honey.

273. ★HALBERT HONEY. An excellent, medium early melon for home use. In flavor, color and texture, similar to Kleckley's Sweet. Medium to large in size, oblong in shape; color, dark green, lightly laced with fine veins; flesh, sweet and brittle; too thin a rind for shipping but desirable for the garden. Pkt., 6c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.



264. ★OLDS' SWEETEST AND EARLIEST. This melon is the sweetest and earliest of all. The size is medium and does not exceed more than 15 pounds in weight. Flesh scarlet, of

extra fineness and sweetness and entirely free from stringiness. We do not recommend it for commercial planting, however, as it is most too small. For the home garden and where the season is short it cannot be beat. The rind is mottled with several shades of green and the seeds are white. Ripe melons in 65 days from planting. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

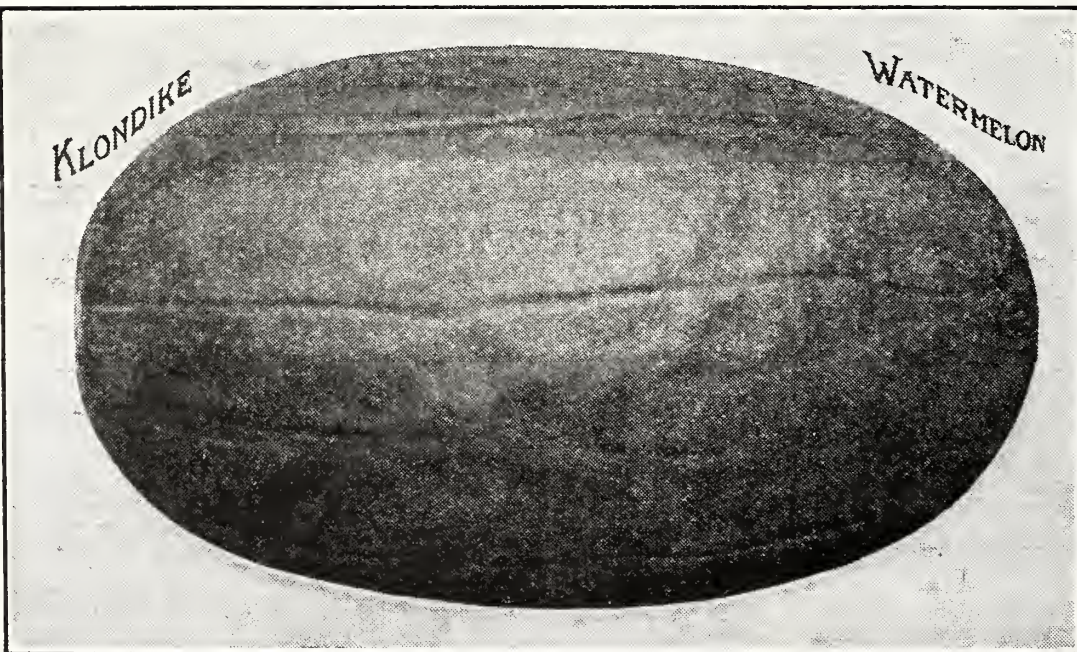


Olds' Sweetest and Earliest.

February 25, 1930.
"Of all the different varieties of melons I bought from you and others last year Klondike beats them all. They out-yielded Halbert Honey, Kleckley Sweets, Peerless and others. Besides they grew the largest and sweetest in spite of the very dry weather and, above all, the deep red flesh makes a wonderful melon. Can recommend Klondike to any one as I intend raising mostly Klondikes this year.—D. J. Baird, Ohio.



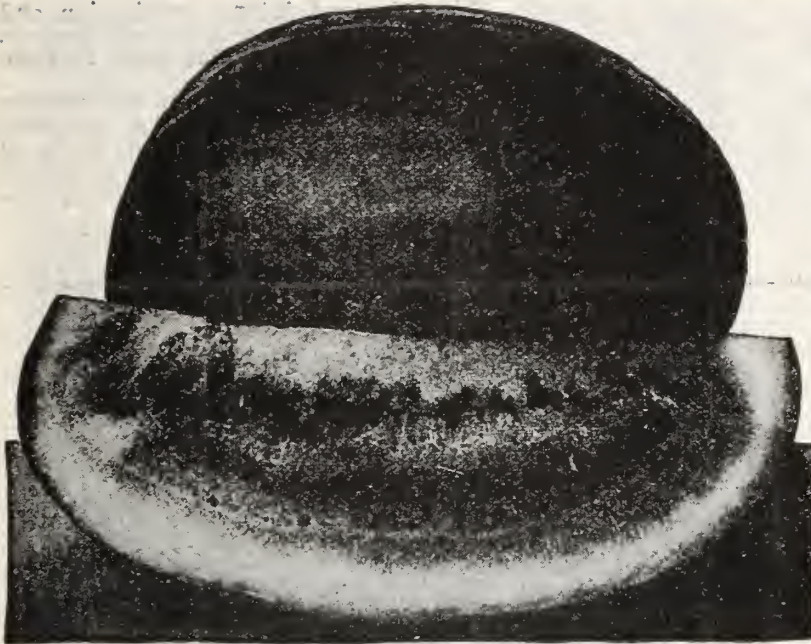
270½. ★KLONDIKE. One of the best early melons and perhaps the very sweetest of all melons. The rind is dark green; shape long; very symmetrical; flesh a distinctive shade of red. It is very sweet, crisp and tender, ripens very early. It is also a heavy yielder. Pkt., 8c; oz., 20c; ¼ lb., 40c; lb., \$1.15, postpaid.



SEED POTATOES.

Do not overlook our Seed Potatoes offered on pages 24 to 27. We have long made a specialty of choice dependable stock of the leading varieties.

OLDS' WATERMELONS



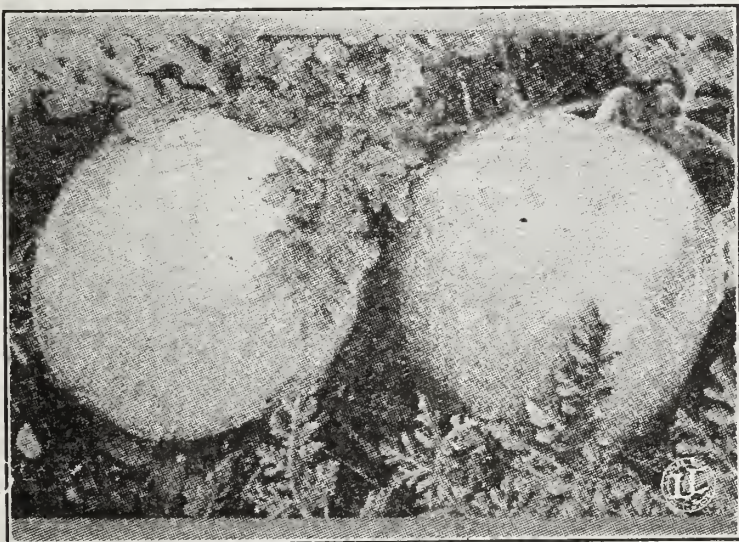
Sweetheart.

261. **SWEETHEART.** One of the most popular and one of the very best. A large oval melon, medium early in season. Remains in condition for use longer than any other except the Winter Melon. The flesh is bright red, solid and sweet. Rind thin but tough and elastic, making it a good shipper. Black seeds. A very popular variety. Pkt., 7c; oz., 15c; ¼ lb., 30c; lb., 90c, postpaid.



Tom Watson.

271½. **TOM WATSON.** The most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Seeds brown. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.



Olds' Winter Melon.

276½. **OLDS' WINTER.** This melon is early, very prolific, almost round and in color, light green. The flesh is red, sweet and almost as hard as a citron. If properly stored will keep for months. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50, postpaid.



Irish Grey.

268. **IRISH GREY.** A long, rather large melon, light green in color and of fine table quality. The flesh is deep red, crisp and sweet and without a hard center. Besides being a fine garden melon, it is equal to Tom Watson as a shipper. Seeds brown. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

272½. **GOLDEN HONEY.** The flesh is a beautiful glistening amber-yellow, very tender with a most delicious flavor. It is medium early, of uniform large size, oblong shape and of handsome appearance. The skin is green with irregular stripes of darker green. No hard core or stringy sections. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

275. **CITRON.** Colorado Preserving. Perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 85c, postpaid.

March 21, 1930.

"You should have seen my vegetables from your seeds at the Grundy County fair. I took first on nearly everything, including Marglobe Tomatoes and Wisconsin Hollander Cabbage. I did not lose a plant of Wisconsin Hollander on very badly diseased ground where the other kinds nearly all died with the yellows.

"I have been away so my order is late but I would not buy elsewhere."

William Gould, Illinois

267. **★ICE CREAM or PEERLESS.** A well-known old favorite and a standard home melon. Extra early, of medium size, short oblong in form; rind thin, light green in color, mottled and veined with a darker shade; bright scarlet flesh, wonderfully sweet and delicious; seeds white. Ice Cream is an old variety but as good as ever and very hard to beat. It is certainly very highly regarded by thousands of home gardeners all over the North. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.



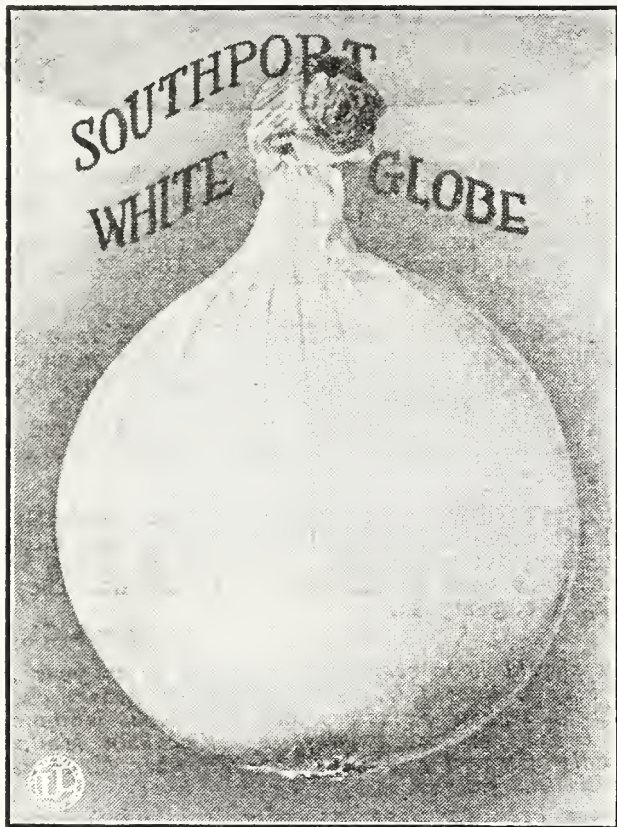
Cole's Early.

262. **★COLE'S EARLY.** Another home melon that is wonderfully popular all over the North. Our second largest seller. One of the earliest of all melons and one of the best. It is medium in size, nearly round in shape, dark green in color, striped a lighter shade. The flesh is deep pink, rather a darker shade than some others, of excellent quality, firm and delicious. Seeds black. Nothing surer than this variety for hard situations in Northern latitudes. Pkt., 6c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

OLDS' ONIONS

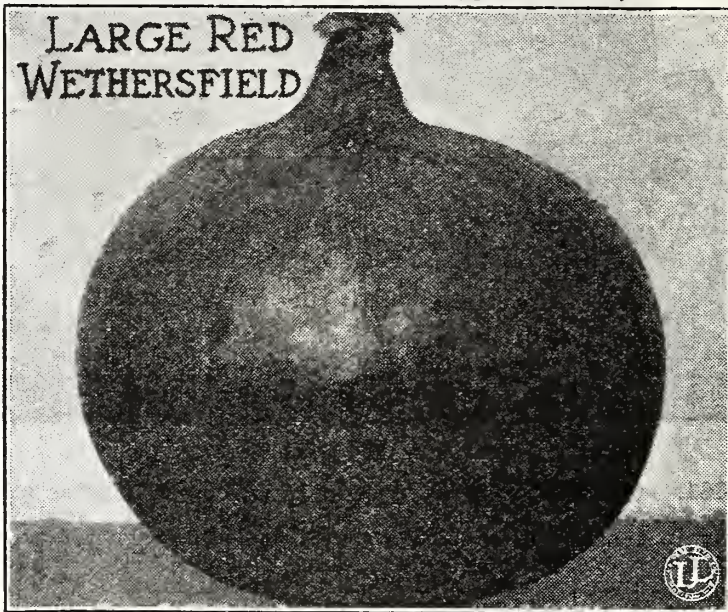
Perhaps no crop brings as high returns from an acre of ground as onions. They demand intense cultivation and a lot of hand work. Therefore a small grower has just as much chance of making good on this crop as a large grower. With a crop of this type, however, you must be absolutely sure of having the best seed obtainable. Our seed is from onion bulbs which are grown exclusively for seed purposes. We do not think there are any stocks better.

CULTURE: As early as possible sow thinly in rows one foot apart, thin to 3 or 4 inches apart. Keep the surface of the ground open and free from weeds, using fertilizer if you want a maximum yield. When the bulk of the tops have turned yellow and have fallen over the onions are ready to harvest. They should be pulled at this time and left to lie in small piles for a couple of days and then removed to an airy shed. When cool weather arrives store in a cool, dry root cellar. A packet of seed will plant 25 to 30 feet of drill; one ounce 200 feet, and 4 pounds an acre. For prices on larger amounts see our Market Gardeners' Price List, pages 29 and 30. (See page 56 for maggot control.)



292. SOUTHPORT WHITE GLOBE. A handsome onion with a pure delicate paper white skin. Flesh crisp, fine-grained, snowy white and mild; globe shaped and a good keeper for a white kind. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.50, postpaid.

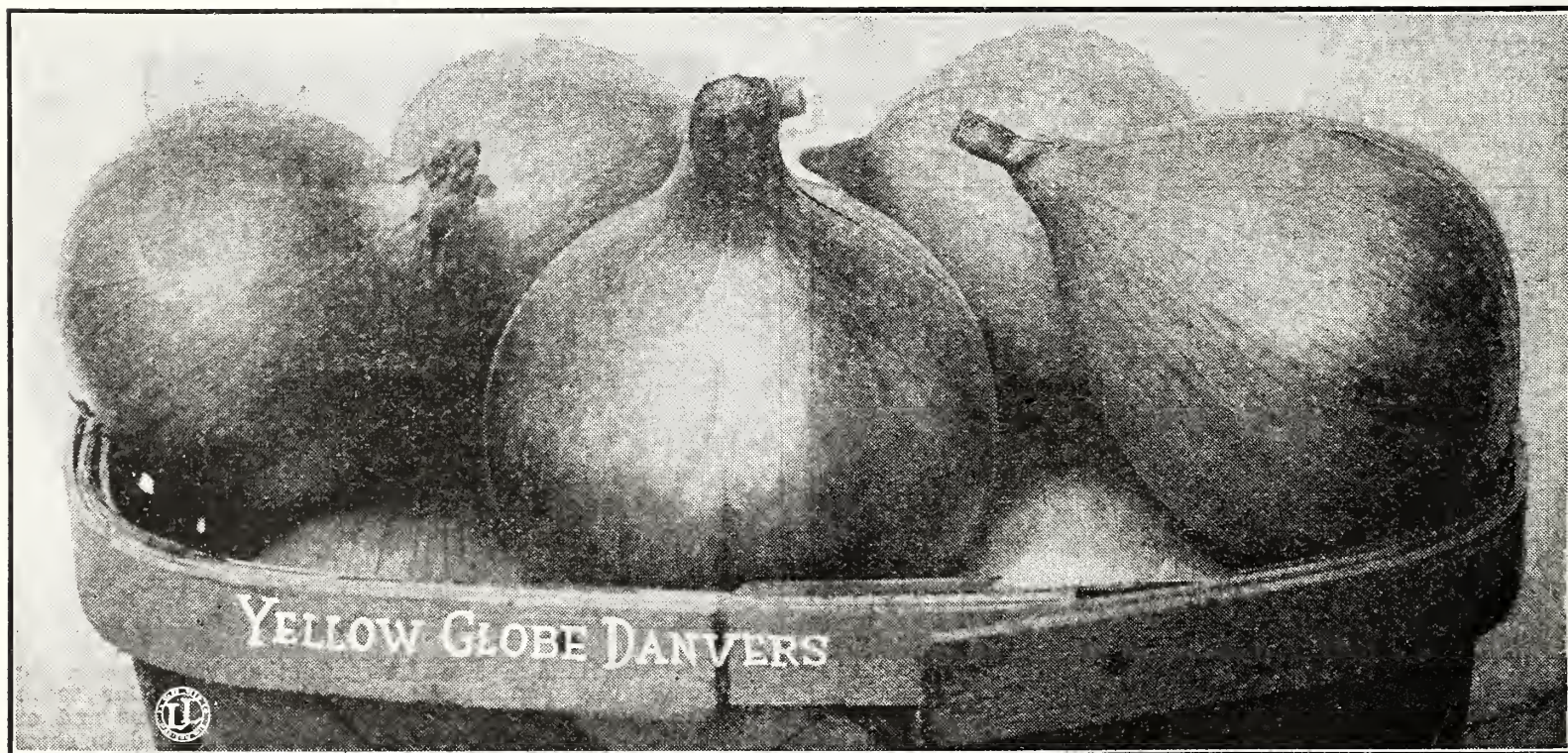
291. SOUTHPORT RED GLOBE. Southport Red Globe is a large, handsome, dark red onion with small neck, small top and of mild flavor. Excellent keeping qualities. Pkt., 8c; oz., 20c; ¼ lb., 50c; lb., \$1.60, postpaid.



287. OLDS' EXTRA LARGE RED WETHERSFIELD. The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. We have a strain selected for extra large type. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50, postpaid.

290. SOUTHPORT YELLOW GLOBE. A globe shaped onion of fine golden yellow color, growing somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. Pkt., 7c; oz., 17c; ¼ lb., 45c; lb., \$1.50.

293. WHITE PORTUGAL. (Silver Skin.) A handsome early onion with silvery white skin. Grows about as large in diameter as the Southport Globes but flat. It is fairly mild, very tender and a good keeper for a white kind. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00.



285. ★OLDS' SELECT YELLOW GLOBE DANVERS. Olds' Select Yellow Globe Danvers is a solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish onions when sliced raw but for cooking or flavoring, one of the very best. It is the earliest good market variety, slender necked, and ripening up all at one time. A sure cropper. Pkt., 10c; oz., 22c; ¼ lb., 55c; lb., \$1.70, postpaid.

OLDS' ONIONS



SPANISH TYPE ONIONS

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers. We do not recommend planting them in Northern Wisconsin and similar latitudes. In the central and southern parts of this state, however, they do very well.

297. OLDS' PRIZETAKER. The Prizetaker is the result of selection in this country since 1887, the original seed coming from Spain. Bright straw yellow in color and a good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild sweet flavor and a fair keeper, ripening evenly. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.

298. ★MOUNTAIN GROWN SWEET SPANISH. Our new variety of Spanish onion. Described in full on inside front cover. This is the very finest type of Spanish onion. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$3.00, postpaid.

288. AILSA CRAIG. An English strain of Spanish onion, much like the Prizetaker, but a considerably better keeper. A fine salad kind, mildly pungent, sweet and juicy. Yellow skin. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

297½. GIGANTIC GIBRALTER. The largest, mildest and sweetest of all onions. Creamy straw-colored bulbs, excellent for slicing, never strong, but brittle, juicy and with a very pleasant flavor. Late in season. Pkt., 8c; oz., 20c; ¼ lb., 65c; lb., \$1.90, postpaid.

FROST PROOF ONION PLANTS



Frost Proof Onion Plants.

Southern Grown Frost Proof Onion Plants have been giving satisfactory results for some years and are well out of the experimental class. They are grown by experts and properly packed so that they will reach the customers in good condition. The seed is planted in the fall, they grow out of doors during the winter so they are hardy and are ready to be planted early.

One thing sure, you will have to hand weed your onion patch at least once during the season if you plant seed. If you use plants, either of your own growing or our southern grown, you can cultivate and keep ahead of the weeds. The varieties we offer are, Crystal White Wax and Yellow Bermuda.

Prices: 100, 23c; 200, 35c; 500, 85c; 1,000, \$1.60; 2,000, \$3.00, postpaid. Not prepaid, crate of 6,000, \$5.00.



300. OLDS' SELECT OHIO YELLOW GLOBE. A selection from the Yellow Globe Danvers. A highly bred variety and especially valuable on muck or peat lands and on very rich high-ground soils. Rather deeper globe shape than the Danvers. Pkt., 7c; oz., 20c; ¼ lb., 60c; lb., \$1.80, postpaid.

299. AUSTRALIAN BROWN. Without any exception the most solid and longest keeping onion grown. In season it is one of the earliest and will ripen anywhere. It is often used for replanting when first sowings have been injured by weather conditions. Its extreme solidity is shown by the fact that a measured bushel will weigh several pounds more than the standard legal weight for a bushel of onions. It is an ideal variety for shipping or storing. Pkt., 7c; oz., 17c; ¼ lb., 45c; lb., \$1.40, postpaid.

283. CRYSTAL WAX. A Bermuda onion. One of the most attractive varieties. It is large, flat; pure white, very early, mild in flavor; in fact can be eaten like an apple. Can be grown under northern conditions and is very fine for slicing. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.25, postpaid.

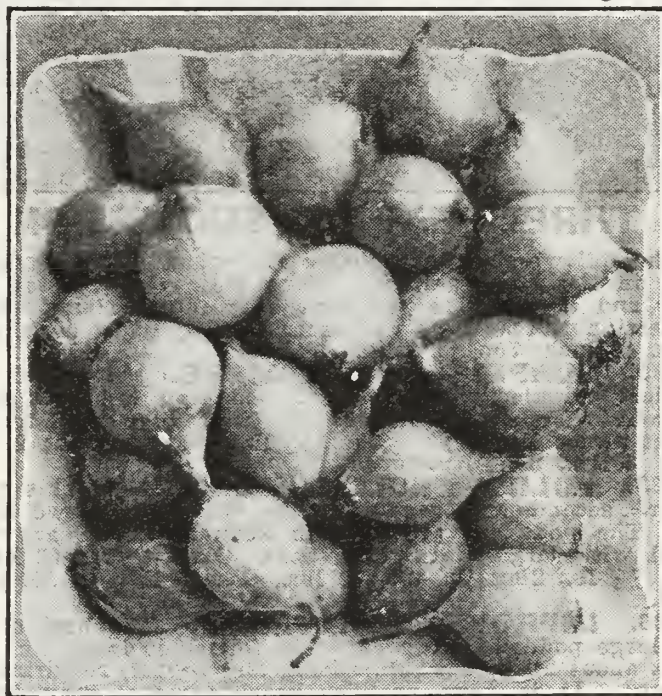
PICKLING ONIONS

302. WHITE BARLETTA. A very early beautifully white, small, mild onion. Used exclusively for pickling. The skin is very white and exceptionally thin. Pkt., 8c; oz., 20c; ¼ lb., 65c; lb., \$2.30, postpaid.

303. OLDS' WHITE QUEEN. A very hardy perennial variety of onion, used for bunching and pickling. It is perfectly hardy and requires no mulching. Sow in early fall for early spring onions. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

OLDS' ONION SETS

We offer choice, dry, select Onion Sets, the best to be had. Bottom sets should be planted very early in the spring, the earlier the better. A pound will plant a row 20 feet long, two to three inches apart in the row. Egyptian or Winter Sets should be planted in the fall.



Yellow Bottom Onion Sets.

YELLOW BOTTOM SETS: Lb., 25c; 4 lbs., 80c, postpaid. By express: 10 lbs., \$1.25.

RED BOTTOM SETS: Lb., 25c; 4 lbs., 80c, postpaid. By express: 10 lbs., \$1.25.

WHITE BOTTOM SETS: Lb., 30c; 4 lbs., 95c, postpaid. By express: 10 lbs., \$1.40.

EGYPTIAN or WINTER SETS, for fall delivery only: Lb., 25c; 2 lbs., 45c; 4 lbs., 80c, postpaid. By express: 10 lbs., \$1.40.

For larger quantities of onion sets, see page 30.

CHIVES.

279. Chives belong in the perennial class. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Seed: Pkt., 10c; oz., 25c. Strong Plants: 3 for 50c; 12 for \$1.50.

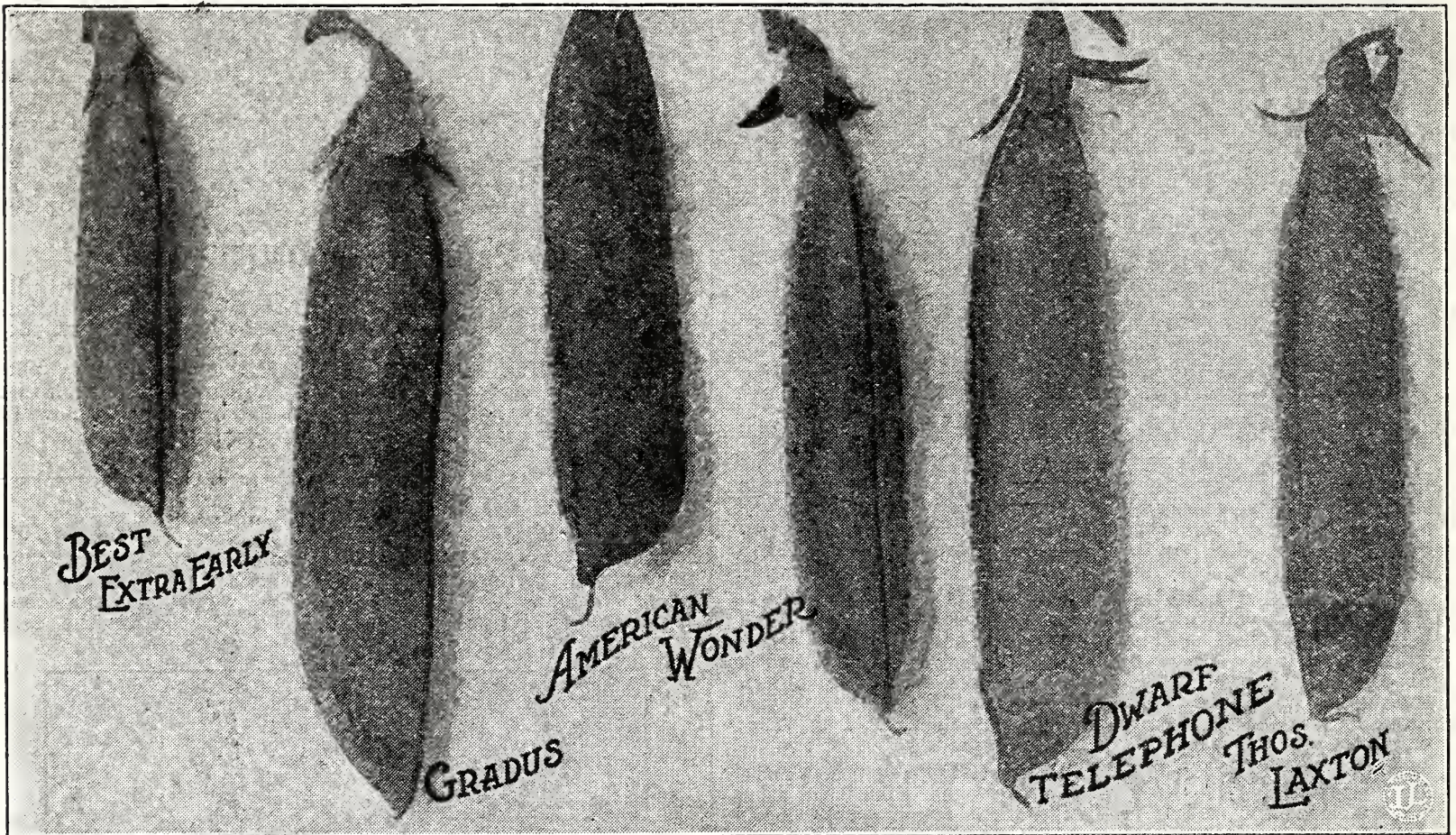
GARLIC.

Garlic comes in bulbs only, which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, ¼ lb., 20c; lb., 50c, postpaid.

OLDS' GARDEN PEAS

Peas are one of the finest garden vegetables. Do not depend upon one planting. Plant some of the earlies, mediums and lates. The early peas are not usually as sweet as the mid-season or the late varieties and the wrinkled varieties are always much sweeter than the smooth, but the smooth varieties can be planted in the ground a trifle earlier than the wrinkled varieties. The varieties marked * are the wrinkled varieties.

CULTURE: Early peas are grown with best results on light warm soils; main crop varieties on fairly heavy soils but of course, peas will do well on most any good garden soil. Do not use much nitrogen fertilizer as that will cause a heavy leaf growth with fewer pods. Sow the extra early varieties in rows 2 to 3 inches deep and 2½ to 3 feet apart as soon as the ground can be worked and for succession, plant every two weeks until the middle of June. Early varieties can be again planted in August and a good crop secured in the fall. One pound of seed will sow about 50 feet, 120 to 160 pounds should be used for an acre. We recommend planting at least a half pound of a variety. Use Semesan on the seed. See page 47.



THREE PEAS FOR SUCCESSION

The following three varieties are splendid for a succession in the home garden. Plant these three all at one time and it will give you peas over quite a long period. Collection prices: 1 pkt. of each, 15c; ½ lb. of each, 45c; 1 lb. of each, 75c, postpaid.

320. SURPRISE OR ECLIPSE.* One of the earliest wrinkled peas. Vines 2 feet high and light green in color. Pods of good size and well filled with tender, sweet peas. Large pkt., 10c; ½ lb., 25c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

333. ★OLDS' ENGLISH WONDER.* This new, dwarf, second-early variety is the sweetest pea we know of. The pods are produced in abundance and are well filled with large, dark-green peas. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

326. IMPROVED STRATAGEM.* The best of all the large podded, late peas. The foliage is large, and the vines about 20 inches tall, strong and robust, requiring no support. It is very prolific, bearing many very large, well-filled pods containing large dark-green wrinkled peas of excellent quality. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

January 28, 1930

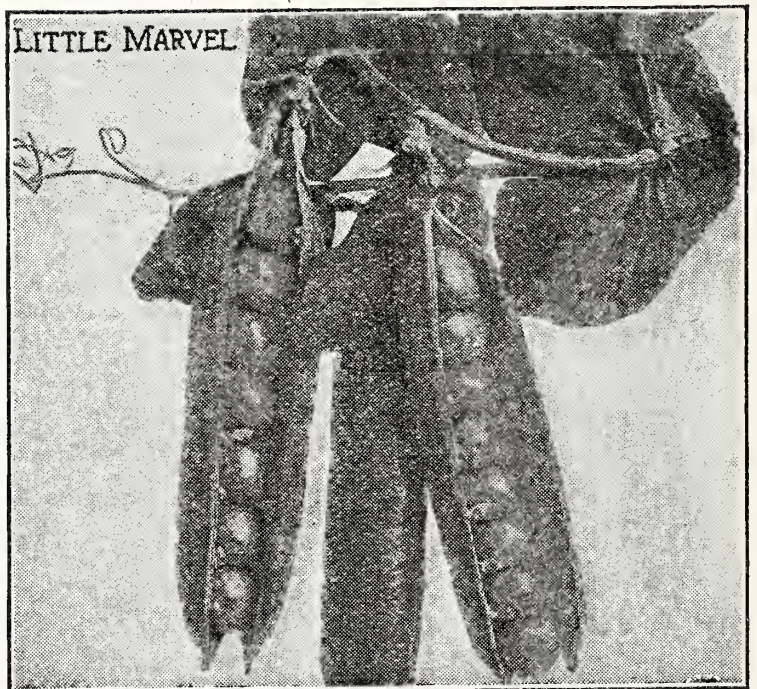
"I am in the greenhouse, hot bed and open ground plant business. I surely can say I do appreciate dealing with you people. I have bought seed from you for a number of years and have always found it a pleasure and satisfaction to send to L. L. Olds."

Henry R. Hedderich, Indiana

320½. ★OLDS' BEST EXTRA EARLY. An extra early round-seeded variety. Height 2½ feet. Seventy-five to eighty per cent of the pods may be gathered at the first picking. Large pkt. (2 ozs.), 7c; ½ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.15, postpaid.

324. ★GRADUS.* (Prosperity.) This pea is nearly as early as the small, smooth, extra early varieties and the pods are much larger. The vine grows to a height of about 30 inches. Pods measure 4 inches or more in length, each containing 8 or 10 sweet and fine flavored peas. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 33c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

323. ALASKA. Earliest of all. A smooth, round, blue pea. Height 2½ feet. The most popular early pea for canning. Large pkt. (2 ozs.), 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., 90c, postpaid.



339. ★LITTLE MARVEL.* A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 3 inches or more in length. Pods contain 6 to 7 large, dark green peas, sweet and delicious. They produce a larger pod and a heavier crop than other extra early, with the exception of the New Progress. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

OLDS' GARDEN PEAS



Laxton's Progress Pea.



336. NEW PEA, LAXTON'S PROGRESS.* The most recent introduction of real merit in the list of large pod dwarf peas and an ideal sort for the small home gardener. Progress grows but 18 inches high. The vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average over 4½ inches long, well filled with 8 to 10 deep green, large peas of wonderful flavor. The peas are ready to gather within 60 days from the time the seed is sown. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50, postpaid.

322. ★IMPROVED TELEPHONE.* Vines, 4 feet high; pods, dark green, 3½ to 4 inches long, containing from 5 to 10 peas each. The leading variety among market gardeners. Comes into bearing in about 65 days. Large pkt. (2 ozs.), 7c; ½ lb., 20c; lb., 33c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

330. AMERICAN WONDER.* The dwarfest of all peas, vines growing only about 10 inches high. It is also one of the very earliest, the peas often being ready for use within seven weeks from planting. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 33c; 2 lbs., 60c; 5 lbs., \$1.25.

335. ★OLDS' DWARF TELEPHONE.* (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high. Pods medium green; four inches long, well filled with 7 to 8 bright green peas. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 33c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

334. THOMAS LAXTON.* In earliness only two or three days behind Alaska, and in yield and quality far superior. Height three feet. Pods medium green, 3½ inches long, containing about seven large green peas. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid.

324½. ★BLUE BANTAM OR GIANT LAXTON-IAN.* A new large-podded, dwarf wrinkled pea. Unequaled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large dark green pods with six to eight peas of excellent quality. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.40, postpaid.

327. CHAMPION OF ENGLAND.* One of the richest, best flavored late peas. Height 4½ feet. Pods contain eight light green peas. A standard main crop variety. Large pkt. (2 ozs.), 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c, postpaid.

341. MAMMOTH LUSCIOUS SUGAR. Eat pods and all, like String Beans. Pods are stringless. Vines 5 feet high. Seeds large, gray, and wrinkled. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c, postpaid.

325. ★NOTT'S EXCELSIOR.* Height 15 inches. One of the most popular peas in cultivation. It is as early as American Wonder, as sweet as Little Gem and outyields both of them. The vines are vigorous in growth, the pods large and square at the ends, and the flavor delicious. Large pkt. (2 ozs.), 7c; ½ lb., 18c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.15, postpaid.

329. EXTRA EARLY PREMIUM OR LITTLE GEM.* Probably the most popular of all peas for the home garden. The vines grow to about 15 inches in height. The variety is very productive and the peas of fine flavor. Large pkt. (2 ozs.), 7c; ½ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.15, postpaid.



Nott's Excelsior.



Extra Early Premium Gem.

OLDS' PARSNIP

Sow as early in the spring as possible, in drills 15 inches apart, covering half an inch deep. When well up, thin to 5 or 6 inches apart in the row.

Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre.

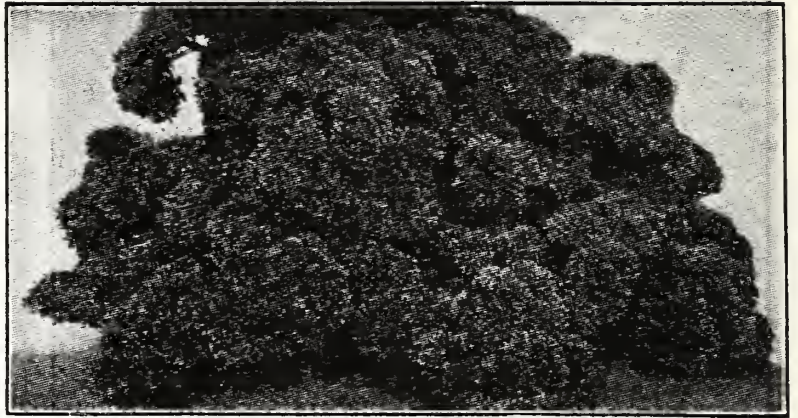


310. ★IMPROVED GUERNSEY. A much better variety than its parent, the Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily dug. It is a very heavy yielder; roots, smooth; flesh, fine-grained and of excellent flavor. Pkt., 7c; oz., 15c; ¼ lb., 25c; lb., 80c, postpaid.

311. HOLLOW CROWN. The old standard parsnip, long rooted, sweet flavored and desirable. Excellent, also, for stock feed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

OLDS' PARSLEY

One packet of Parsley will seed 40 feet. Sow early in the spring, soaking the seed before sowing as germination is slow.



Champion Moss Curled Parsley.



305. CHAMPION MOSS CURLED. A very fine variety. The vigorous, compact plants grow very fast, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. Besides its use as a vegetable, it is a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 7c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

309. HAMBURG (Turnip Rooted). The edible root of this variety resembles in color and shape a small parsnip. These may be stored in the cellar for winter use. The leaves are similar to plain parsley. Pkt., 8c; oz., 20c; ¼ lb., 40c; lb., \$1.40, postpaid.

OLDS' PEPPER

CULTURE: Sow early, in the house or in hot beds and transplant later when the ground is warm. Each packet will produce about 150 plants. An ounce, 1,500 plants.



Ruby King Pepper.

350. ★RUBY KING. One of the most popular varieties and satisfactory for both home and market garden. It grows 4½ to 6 inches long, and 3½ to 4 inches thick. The peppers are green to bright red, flesh thick, sweet and mild. Among the best for pickles. Pkt., 10c; ½ oz., 18c; oz., 30c; ¼ lb., \$1.00, postpaid.

351. BELL OR BULL NOSE. A standard early variety. Has a vigorous plant growing two feet high. The peppers are large with thick, mild, sweet flesh of excellent quality. Pkt., 7c; ½ oz., 18c; oz., 30c; ¼ lb., \$1.00.

354. ★CHINESE GIANT. One of the very best and largest mango peppers. Its great size, fine shape, and beautiful, glossy red color and mild flavor all recommend it. It is very productive. Pkt., 13c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75, postpaid.

PEPPER PLANTS

HARRIS' EARLY GIANT, RUBY KING AND CALIFORNIA WONDER. Ready about May 15th. Doz., 40c; 50 for \$1.25, postpaid.



357. CALIFORNIA WONDER. Our new variety of pepper. Described fully on the inside front cover. Without doubt the finest pepper on our entire list. Pkt., 20c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.25.

358. WORLD BEATER. One of the finest of shipping peppers. A very large sort, a cross between the Chinese Giant and Ruby King. Fruits 5 inches long by 3½ inches in diameter. Flesh thick and mild. Very productive. Pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., \$1.50, postpaid.

352. GOLDEN QUEEN. The largest and sweetest yellow pepper, often eight or nine inches long and 4 to 5 inches thick. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50, postpaid.

355½. RED CHILI. A rather late hot variety, with peppers about ½ inch or less in diameter, tapering to a point; about 2 inches long. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15, postpaid.

356½. PIMIENTO. This variety is used not only for salads and mangoes, but by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15, postpaid.

358½. HOT VARIETIES MIXED. Including Chili, Cayenne, Tabasco and others. As 'hot as fire.' Pkt., 5c; ½ oz., 18c; oz., 30c; ¼ lb., \$1.00, postpaid.



Harris' Early Giant Pepper.

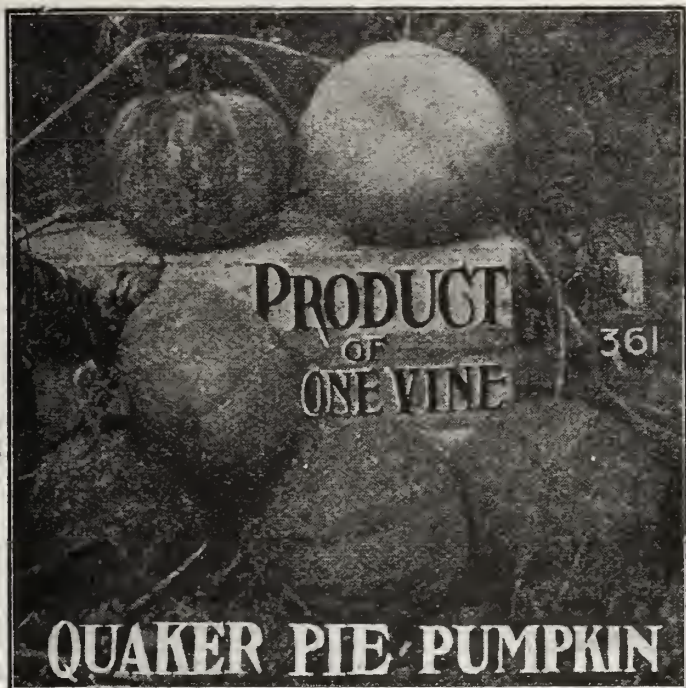
353. HARRIS' EARLY GIANT. The earliest and most prolific of all the large peppers. The plant is dwarf, of compact growth, 10 inches to 2 feet tall and covered with enormous peppers.

The peppers average 5 inches in length and 3½ inches in diameter. Color is a deep green turning to bright red. Flesh thick and of a very sweet and pleasant flavor. Pkt., 10c; ½ oz., 35c; oz., 55c; ¼ lb., \$1.90, postpaid.

PUMPKIN

Pumpkins are very easy to grow and farmers should plant more of them. Especially fine for pies as well as a cheap feed. They can be planted right in the corn and so require no extra room. Where larger quantities than listed are wanted, see our Wholesale Market Gardeners' Price List, pages 29 and 30.

CULTURE: Plant any time after the ground has become warm, 4 to 8 seeds to a hill, in hills 8 feet apart each way if planted alone. With corn, plant after the corn is up. One packet of seed is sufficient for 8 to 10 hills, 3 to 4 pounds will plant an acre alone and one pound an acre with corn.



361. ★QUAKER PIE. A distinct and very prolific variety, nearly round, somewhat inclining to pear shape, and of a creamy white both inside and out; the flesh is fine grained and rich in flavor; a good keeper. Pkt., 7c; oz., 10c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$4.50, postpaid.

364. WINTER LUXURY. A splendid pie pumpkin, small, round, about 10 inches in diameter; skin finely netted and a beautiful dark red color. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.



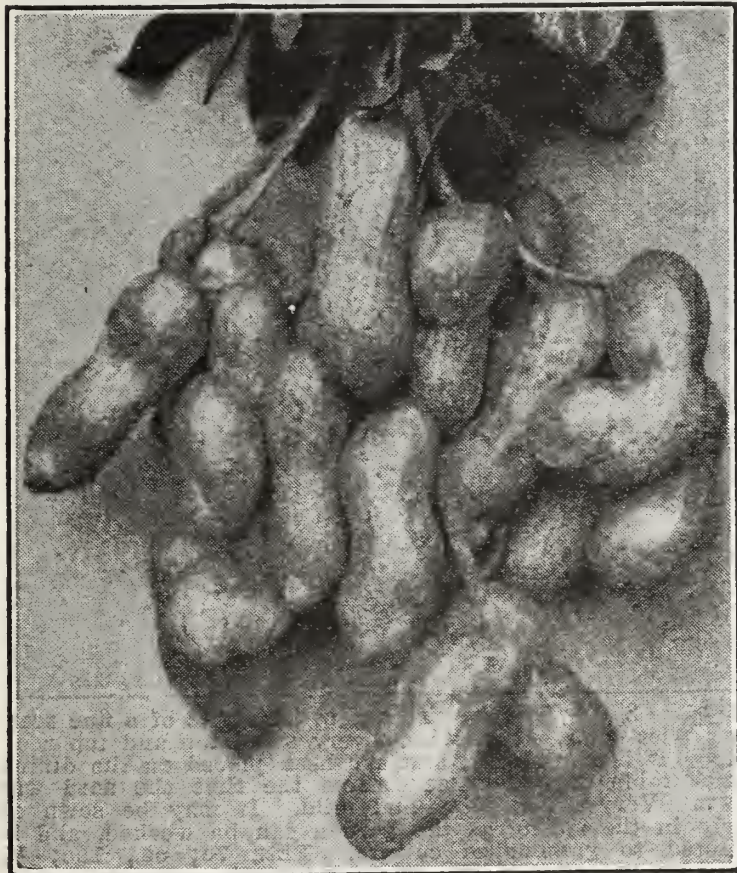
Connecticut Field Pumpkin.

362. ★LARGE CONNECTICUT YELLOW FIELD. The standard field pumpkin. A large round or slightly oval pumpkin. Skin reddish-orange, with rich orange-colored flesh. Extensively grown for stock feeding, and usually planted with corn. Produces enormous crops. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 5 lbs., \$2.50, postpaid.

363. SMALL SUGAR. The famous New England Pie Pumpkin. A rather small round but flattened variety, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.00, postpaid.

360. ★KING OF THE MAMMOTHS. This variety surpasses all others in size; specimens often weighing 75 pounds; yellow flesh. It is an immense yielder, a splendid keeper and a valuable stock variety. Pkt., 7c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

PEANUTS



Mammoth Virginia Peanuts.

315. MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, in sandy soil if possible. Large pkt., 7c; ¼ lb., 15c; ½ lb., 25c; lb., 40c; 5 lbs., \$1.50, postpaid.

RHUBARB

RHUBARB ROOTS—LARGE VICTORIA.

After the long winter months with their lack of fresh fruit, early spring Rhubarb is a most welcome treat. In sauce or pie it seems to have a more universal appeal than any other fruit of the year. Rhubarb is very easy to grow. We use whole roots for filling orders, and they are freshly dug. These will give big, tender, juicy stalks soon after planting. If not used too freely the first season, they should later produce 20 to 30 stalks to a plant.

Special prices: 6 for 50c; 12 for 90c, postpaid. Not prepaid: 25 for \$1.50; 100 for \$5.00.



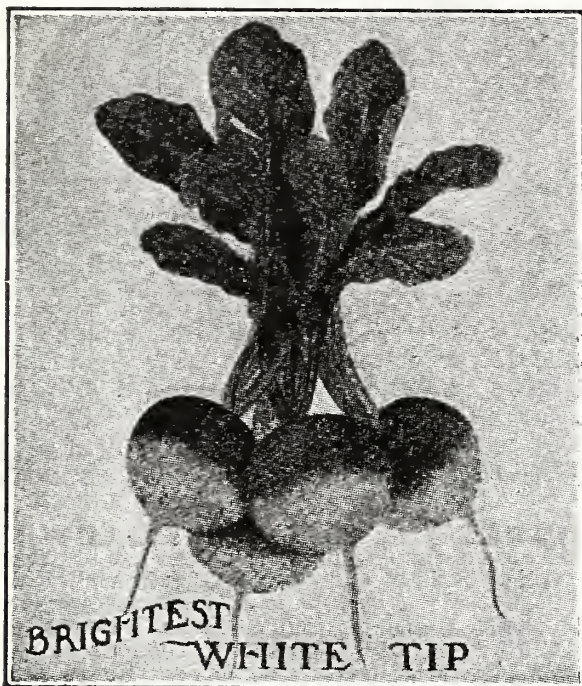
395. LARGE VICTORIA. A popular variety. Rhubarb can be raised from seed very easily, but the stalks should not be used until the plants have had a full season's growth. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.30.

HORSE RADISH ROOTS. 12 for 25c; 100 for \$1.25, postpaid. Not prepaid: 1,000 for \$7.00.

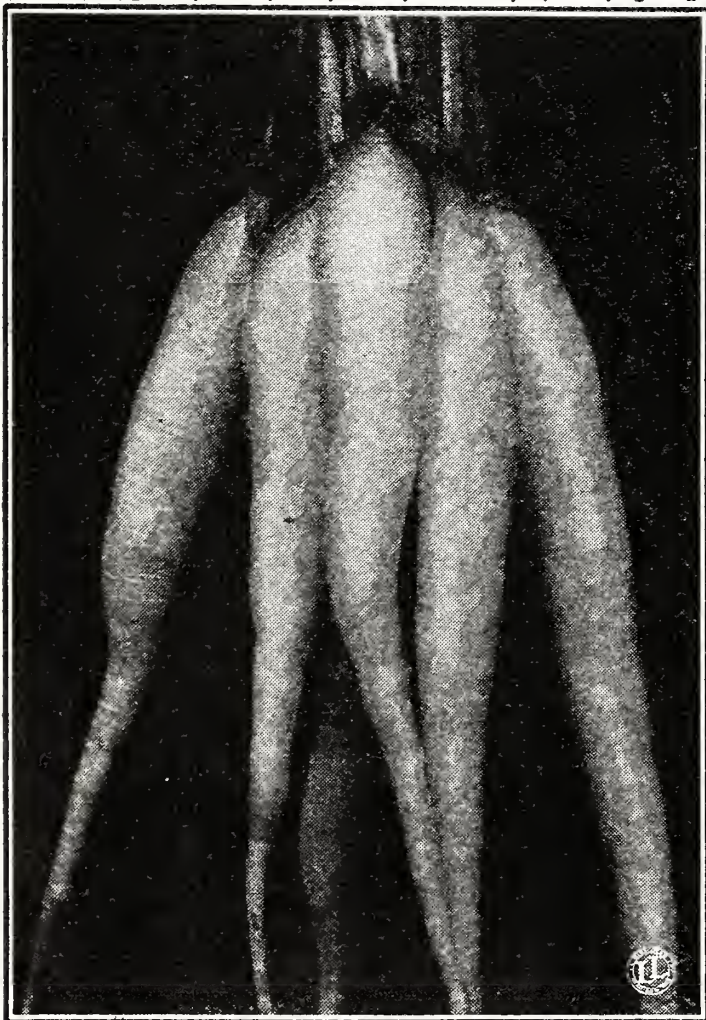
OLDS' RADISHES

Olds' Radish Seed is northern grown and is produced from roots that are hand transplanted. In this way the types are kept pure and true and no seed is produced that is not from perfectly sound radishes. Growers who raise radishes for the market should use only seed of this type. The crop can be placed on the market earlier than from ordinary seed and, also, quality radishes can be had long after radishes grown from ordinary seed have become pithy and hollow. All growers should sow the best seed obtainable if they want to receive the maximum profit from their crop. For larger amounts than quoted see our Market Gardeners' Price List, pages 29 and 30.

CULTURE: Sow as early as the ground can be worked. Radishes do best on a light rich mellow soil. Sow in drills 10 inches apart and thin to 2 inches in the row. Sow the early round red sorts first, the long growing varieties a week later, and the winter varieties in July and August. One pkt. will sow 25 feet; 12 pounds an acre.

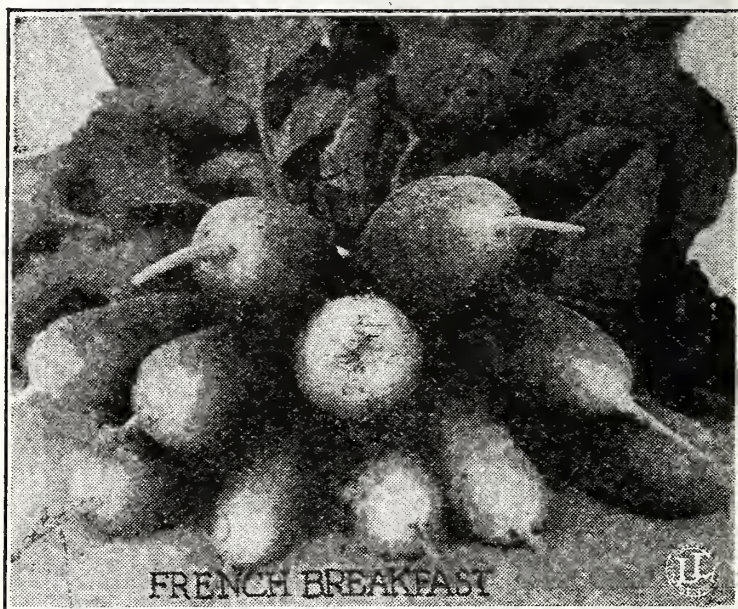


370½. ★OLDS' BRIGHTEST WHITE TIP. (Sparkler.) A splendid selection of the Early Scarlet Turnip White Tipped Radish, but showing more white, practically the whole lower half being pure white, and the upper, bright scarlet. This contrast makes it especially attractive. Mild, crisp and sweet. Pkt., 7c; oz., 10c; ¼ lb., 25c; lb., 80c; 5 lbs., \$3.50, postpaid.



White Icicle.

385. ★WHITE ICICLE. Considered the finest of all for table use. The roots attain a length of about 5½ inches, tapering regularly from near the shoulder to the tip. It keeps in condition a long time, and is crisp, mild and sweet. Pkt., 7c; oz., 10c; ¼ lb., 25c; lb., 80c; 5 lbs., \$3.50, postpaid.



373. ★OLDS' SPECIAL STRAIN OF FRENCH BREAKFAST. Our largest seller with the exception of White Icicle. French Breakfast is a quick growing, handsome, olive-shaped radish, deep scarlet in color, with a clearly defined white tip at the base. It measures about ¾ of an inch through and about twice that in length, with very small top and tap root. It is usually ready for the table in about 25 days from sowing. Flesh pure white and very crisp, tender, and mild. Our favorite radish. Pkt., 7c; oz., 15c; ¼ lb., 30c; lb., 85c; 5 lbs., \$3.75, postpaid.



375. SAXA. This new variety is of a fine scarlet color, round with a very small top and tap root. It is very early, and has been placed on the dining table in three weeks from the time the seed was sown. Very crisp, juicy and mild. It may be sown as early in the spring as the garden can be worked, and is adapted to greenhouse culture. Pkt., 7c; oz., 15c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.80, postpaid.

384. CINCINNATI MARKET. An improved strain of Long Scarlet. The tops are very small, so that they may be grown close together. It is a long red radish, growing straight and smooth, with crisp, mild flesh and pleasant flavor. One of the very best market varieties. Pkt., 5c; oz., 10c; ¼ lb., 22c; lb., 75c; 5 lbs., \$3.40, postpaid.

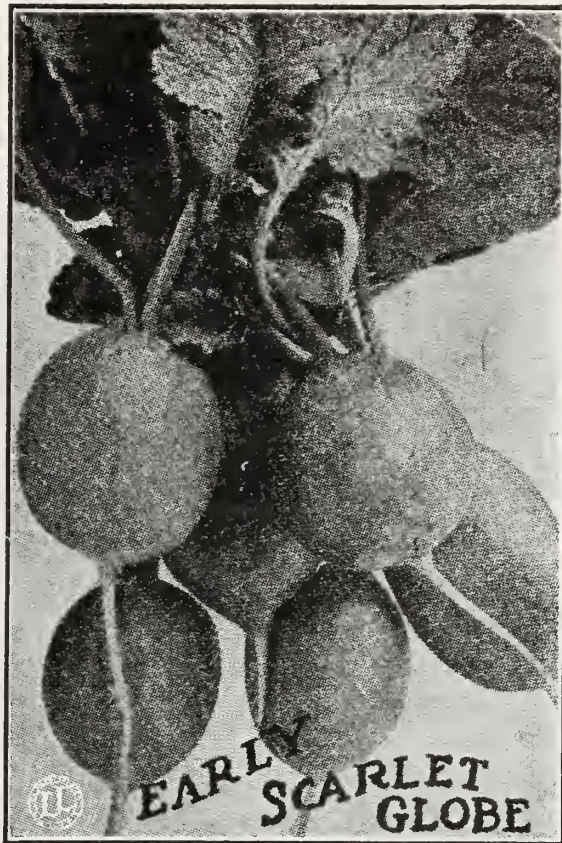
OLDS' RADISHES



378. ★**OLDS' SNOW-BALL.** (White Box.) A medium sized, round variety, largely grown for summer use. It has a small top, skin pure white. Mild and sweet. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50, postpaid.

374. ★**O L D S' TWENTY DAY.** An extra early, olive-shaped, deep scarlet radish. It is especially adapted for forcing and has been known to grow so rapidly as to make table size in twenty days from planting. It is also an excellent garden variety, flesh crisp and mild, attractive in appearance, and one of the very earliest of all radishes. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$4.75, postpaid.

377. **EARLY SCARLET GLOBE.** (Vick's.) One of the best all around radishes for early outdoor sowing. The skin is a bright scarlet; flesh, pure white, crisp, tender and of delicious quality. A very fine variety and a very popular radish. One of the largest sellers. Pkt., 7c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50, postpaid.



April 8, 1930.

"Olds' Seeds are the best on the market. The Dollar Collection is certainly a real bargain. Have used Olds' Seeds and they give wonderful results."—Mrs. Emil Rabe, Wisconsin.



376. ★**CRIMSON GIANT.** This is a new extra large radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other earlies. It is quick growing, suitable for both forcing and outdoor growing, although the tops are large, developing roots of a handsome deep crimson, which vary in shape from round to oval. Flesh, pure white; flavor, mild. We highly recommend this radish. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.15; 5 lbs., \$4.75.

371. ★**OLDS' EARLY SCARLET TURNIP.** Scarlet Turnip is a splendid, early, round, bright red radish; flesh white, crisp and tender. A great favorite both with market gardeners and home gardeners. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 90c; 5 lbs., \$3.75, postpaid.

394. **OLDS' MIXED RADISH.** An assortment of radishes may be easily grown together with pleasing results, affording the diner his choice of an interesting variety. He may choose long, olive or turnip-shaped, in white, red or rose. This mixture will furnish good radishes for a long season with only one planting. Pkt., 3c; oz., 5c; ¼ lb., 15c; lb., 50c; 5 lbs., \$2.00, postpaid.

MAGGOT CONTROL. We have found only one good control for the maggots which trouble the cabbage, onion and radish crops. One ounce corrosive sublimate mixed with 10 gallons of water and poured along the base of the plant when two to three inches high, using one gallon to 35 feet of row is effective. For cabbage plants use a half tea cup to a plant.

WINTER RADISHES.

REGARDING WINTER RADISHES

There is an evident misunderstanding in regard to winter radishes which we would like to correct. Many people insist on planting winter radishes in the spring the same as other radishes. This will not do. They should not be planted until July or if the weather is very dry, better wait until August.

Winter radishes are good to eat as soon as they are large enough. The flavor is as good or better than spring radishes and they are much larger in size. For winter use, dig them and pack them in earth the same as parsnips, salsify, or celery.



China Rose Winter.

391. **CHINA ROSE WINTER.** Handsome, long, rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical in shape, and keeps well through fall and winter. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.75, postpaid.

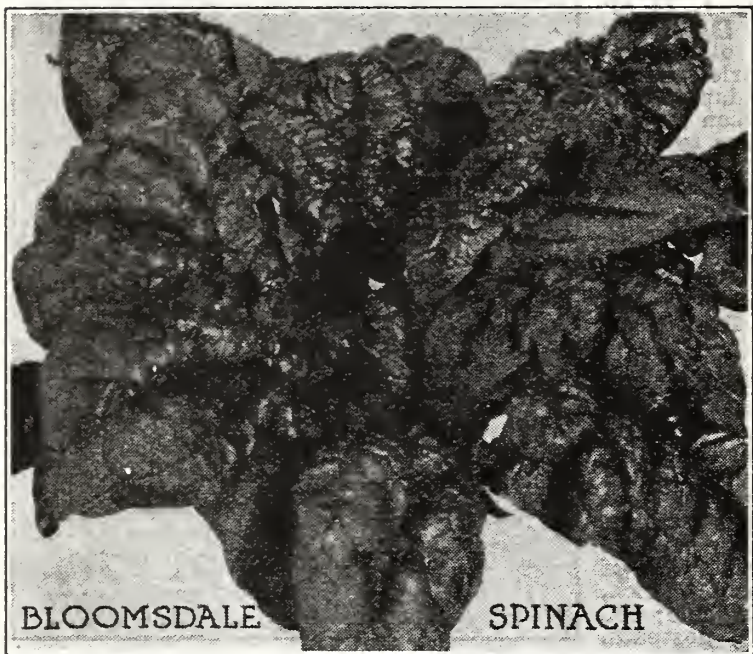
390. **NEW WHITE CHINESE.** (New Celestial). A large, half-long radish, which will keep in fine condition a long time. White and brittle. Excellent for market gardeners' use. Pkt., 7c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.75, postpaid.

392. **LONG BLACK SPANISH.** The skin is black, and the flesh white and firm. Grows 8 or 9 inches long and 2 to 3 inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.75, postpaid.

OLDS' SPINACH

Our Spinach Seed is grown in the northern part of Holland where the weather conditions are very similar to those we have in the northern states. We believe that the Holland grown seed is superior to any other on the market. Spinach is a very important market crop and it is becoming more popular each year. Spinach is rich in vitamins. For city gardens we recommend the New Zealand Spinach or Lucullus Swiss Chard as both of these can be cut over and over again while the other varieties of spinach can be cut only once.

CULTURE: Spinach needs cool moist weather. The seeds should be sown early in the spring in rows one foot apart and thinned to 6 inches in the row. It will fully mature in 45 days and upon the arrival of warm weather it tends to bolt to seed. By using our Long Standing strains of Bloomsdale and Gaudry, spinach can be had over a much longer period as these two varieties are very slow to seed. A fall crop of spinach may be sown in late July or August and will do well during the cool, moist autumn days.



402. ★BLOOMSDALE. (New Long-Standing Strain.) This is a very early variety and one of the best to plant in the autumn for early spring use. One of the best for market and canning. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. Stems three inches long. It is very hardy. Suitable for home gardens but better adapted for market gardeners. Pkt., 7c; oz., 10c; ¼ lb., 20c; lb., 45c; 5 lbs., \$1.90, postpaid.

400. VICTORIA. This is one of the best known varieties. The foliage is heavy, the broad, dark green leaves being slightly crumpled, rather pointed, and of the finest quality. It is grown extensively both by home gardeners and market growers for spring, early summer and fall use. Stands hot weather well and is slow to shoot to seed. Pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 40c; 5 lbs., \$1.50, postpaid.

403½. NEW ZEALAND. Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Pkt., 7c; oz., 15c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.80, postpaid.

SWEET POTATO PLANTS

Cultural leaflet upon request.



YELLOW JERSEY. Plant on light sandy soil if you have that kind but sweet potatoes will succeed in the north on most any soil if grown from the plants.

Prices, 50 plants, 65c; 100 plants for \$1.00; 1,000 plants, \$5.50, postpaid. (Ready about May 15th or a little later.)



404. NEW LONG STANDING GAUDRY.

Our new variety of spinach. The finest in the smooth leaf varieties. It has the long standing characteristics and we believe will prove a money maker to all gardeners. See inside front cover for full description. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c, postpaid.

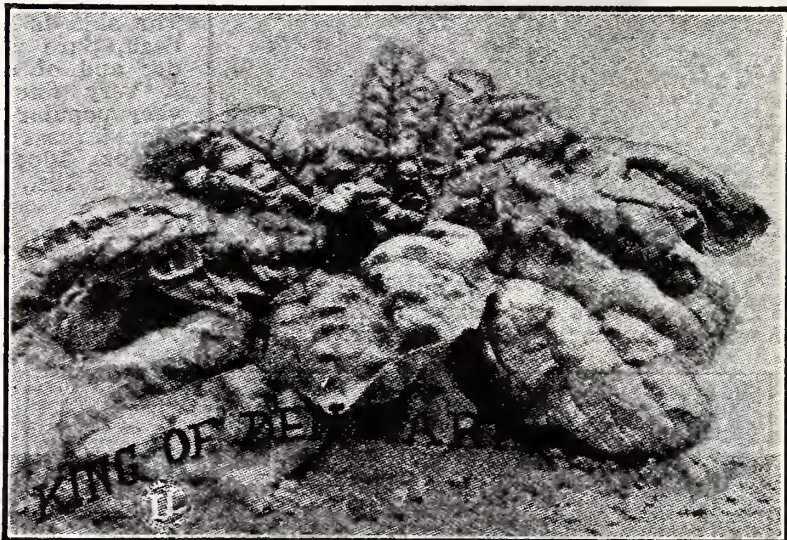


403. ★OLDS' LONG SEASON. (Triumph.)

About the best long season spinach. The plant makes a flat rosette of very dark green, broad, crumpled, tender leaves. Remains in good condition through hot summer weather and stands a long time without running to seed; one of the best for spring and early summer planting. Pkt., 5c; oz., 10c; ¼ lb., 17c; lb., 45c; 5 lbs., \$1.90, postpaid.

February 18, 1930.

"I could purchase these seeds at home but I know the quality before I order when I buy from you."—Arthur Mangold, Illinois.



401½. ★KING OF DENMARK. A new spinach and a very valuable introduction. The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality. Stands well after cutting. We believe this variety will become the leader. Equally valuable for both the home and market gardener. Pkt., 8c; oz., 12c; ¼ lb., 20c; lb., 55c; 5 lbs., \$2.30.

TOBACCO

500. ★COMSTOCK SPANISH. The genuine strain of Comstock Spanish is known for its vigor of growth; its broad, heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Our seed was cleaned and tested at the Wisconsin Experiment Station. This tobacco has been endorsed by 65 leading tobacco packers, by the officials of the Wisconsin Tobacco Pool, and by the Wisconsin Experiment Station through Prof. James Johnson. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$2.00.

503. ★WISCONSIN CONNECTICUT HAVANA NO. 38. The years spent by Professor Johnson of the Wisconsin College of Agriculture in selecting and experimenting with the varieties of Wisconsin tobacco, have resulted in the development of Wisconsin No. 38. It is the progeny of a single plant produced by careful breeding and selection. This variety has the endorsement of the Wisconsin Tobacco Pool. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.25.

504. WISCONSIN HAVANA NO. 142. A new resistant strain of tobacco which originated in 1924 at the Wisconsin Agricultural Experiment Station. This variety is adapted to old tobacco soils, or land which is infected with root rot. It is somewhat later than Havana No. 38 but the plants are very straight and very leafy. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$2.00.

OLDS' SQUASHES

Olds' Squash Seed is all northern grown and will produce a crop a week to ten days earlier than southern grown. **CULTURE:** Plant in a warm, light, rich soil after the weather has become settled and warm in the spring. Plant in hills 3 to 4 feet apart each way, the large running varieties 6 to 8 feet. Eight to ten seeds should be planted in a hill, thinning out after they have attained their rough leaves to 3 or 4 plants to a hill. Fertilizing will increase the size. Use Slug Shot for the striped beetles. For large quantities see our Market Gardeners' Price List.



A Typical Specimen of a True Hubbard.

411. **★TRUE HUBBARD.** Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash with dark green skin; thick, fine grained flesh of good flavor and of orange-yellow color. A good keeper. Yields heavily. Pkt., 7c; oz., 15c; ¼ lb., 40c; lb., \$1.20; 5 lbs., \$4.90, postpaid.

418. **BLUE HUBBARD.** A new type of Hubbard similar to the original except that it is blue grey in color. Said to be superior to all other Hubbards in quality. Pkt., 7c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

413. **GOLDEN HUBBARD.** (Red Hubbard.) Identical in form and fruitfulness with True Hubbard, but usually somewhat smaller and earlier. The moderately warted skin is a beautiful salmon-red color. Like the True Hubbard the flesh is thick, fine grained and of good quality. It also is a good keeper. Pkt., 7c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

April 2, 1930.

"I sent for the seeds (Olds' \$1.00 Collection) three years ago and never planted better seeds. I used the last of them last summer."—Mrs. Arthur Kahl, Wisconsin.



Delicious.

410. **★DELICIOUS.** This variety rivals all others in dryness, sweetness and richness of flavor. The shell is green, flesh deep orange. An excellent keeper. Pkt., 7c; oz., 15c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

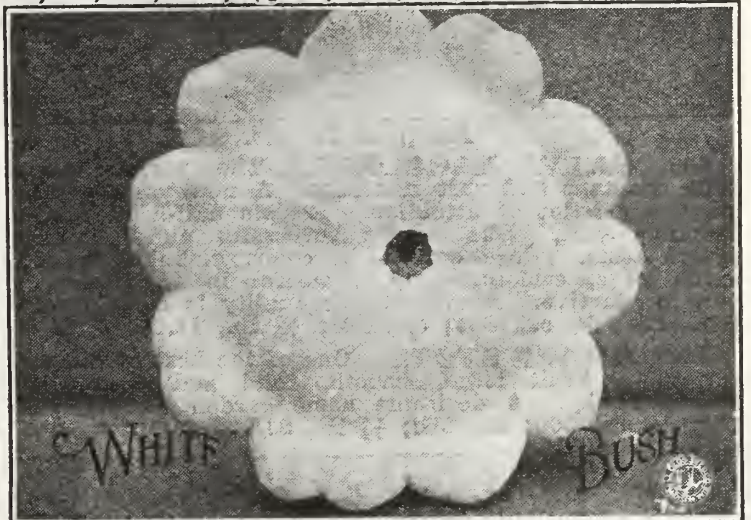
420. **MAMMOTH CHILI.** The largest squash of all, sometimes attaining a weight well over 100 pounds. It yields enormously, from 8 to 15 tons per acre; widely used for stock feeding. Bright orange color. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

397. **MAMMOTH SANDWICH ISLAND.** This is the best variety of Salsify; in fact the only one worth considering. The roots are long, smooth and straight. Pkt., 8c; oz., 20c; ¼ lb., 65c; lb., \$1.90, postpaid.

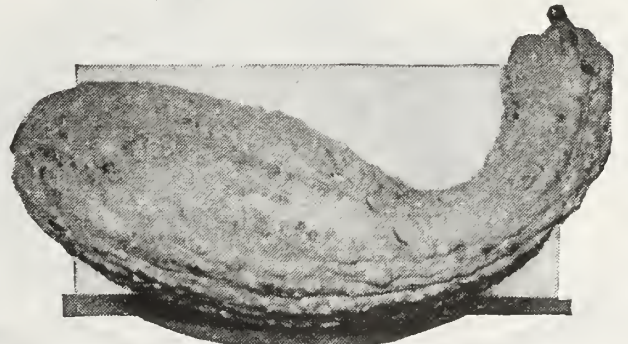
Recipe for use: Scrape the roots clean, cut in slices and boil in water. When cooked soft, (do not drain) add milk and flavoring, the same as for oysters.



409. **★OLDS' TABLE QUEEN.** This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Equal to the Hubbard in flavor, dryness and keeping qualities and just the right size to cut in half, (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in length. Pkt., 7c; oz., 20c; ¼ lb., 50c; lb., \$1.60; 5 lbs., \$5.75.



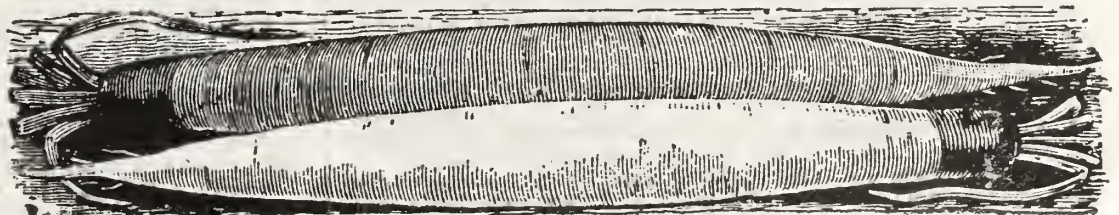
405. **MAMMOTH WHITE BUSH SCALLOP.** Patty Pan. An early maturing summer variety which will bear throughout the season if kept gathered. Squashes white and good sized; flesh thick, of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., \$3.95.



Giant Summer Crookneck.

407. **★GIANT SUMMER CROOKNECK.** The fruit is of an attractive golden-yellow color, covered with fine warts. Grows 15 to 20 inches long. Very prolific, of good quality, and most popular. Pkt., 7c; oz., 12c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$4.50, postpaid.

SALSIFY OR VEGETABLE OYSTER

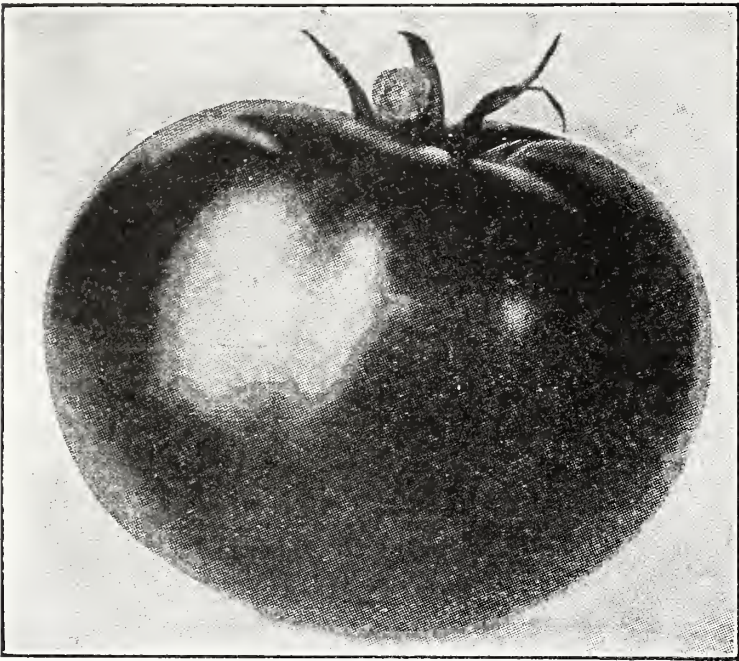


Mammoth Sandwich Island Salsify.

OLDS' TOMATOES

Olds' Tomato Seed is all northern grown and is produced from tomatoes grown exclusively for seed. Tomatoes do well in practically any garden soil and take up little space. No home garden is complete without them.

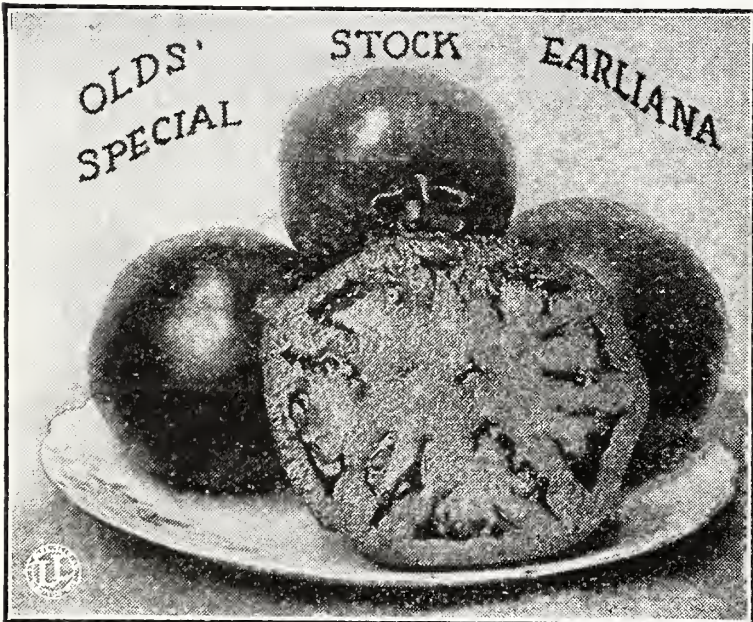
CULTURE: Start the seed indoors about the last of February. When 2 inches high transplant to 4 inches apart each way and again transplant to the open ground as soon as danger of freezing is over. Tomatoes need plenty of sunshine and also a great deal of water. Some growers train the vines on trellises so that the fruit will ripen earlier. Spray with Bordeaux Mixture to prevent disease. Arsenate of Lead will destroy the tomato worms. See page 93. For prices on larger quantities see our Wholesale Market Gardeners' Price List, pages 29 and 30.



Marglobe Tomato.

433. **★NEW MARGLOBE.** The perfect tomato. Wilt resistant and rust resistant. A new variety that is attracting a lot of attention. Resists nail-head rust and fusarium wilt. Has proven successful under the most severe tests. Pure scarlet in color, globular in shape, extra large, smooth, early, beautiful in appearance and very productive. Above all, the quality is most excellent. Pkt., 12c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.60.

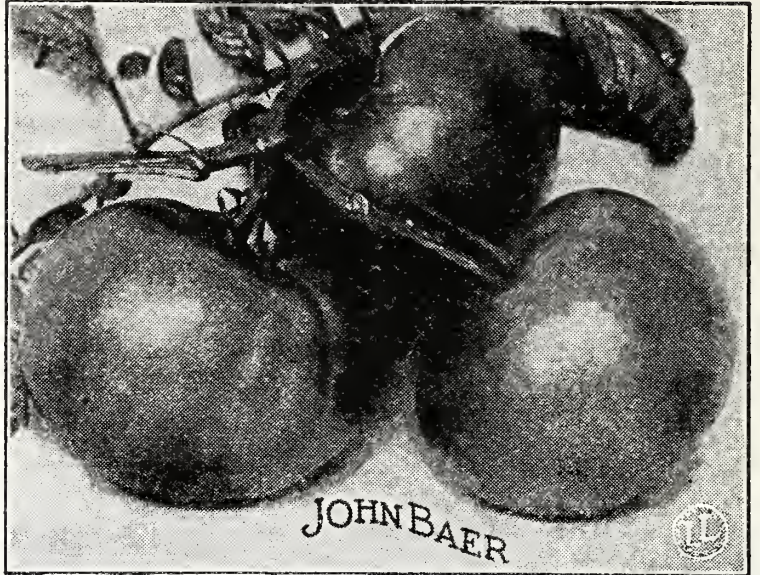
430. **DWARF STONE.** One of the best of the dwarf varieties. Fruit large, smooth, solid and deep scarlet. Plants stocky. A desirable home garden variety. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.



435. **OLDS' SPECIAL EARLIANA.** An improved selection from the Spark's Earliana, earlier and more solid than the original type. We believe this is the earliest tomato grown. Extra select seed. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

425. **★SPARK'S EARLIANA.** Best early. No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15, postpaid.

438. **★ENORMOUS.** Also called Beefsteak and Crimson Cushion. Really a red Ponderosa and the largest of all red tomatoes. A mid-season, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds. The vines are large, strong and vigorous, bearing many "Enormous" bright red fruits of good flavor. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.



436½. **★JOHN BAER.** A new variety of merit. A few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red in color. One of the earliest and most solid tomatoes known. Ripens evenly up to the stem and does not crack open when ripe. Strong vines. Pkt., 8c; ½ oz., 20c; oz., 30c; ¼ lb., 90c, postpaid.



427. **★NEW STONE.** The standard main crop variety. Always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c, postpaid.

SMALL FRUITED TOMATOES

Prices, all varieties: Pkt., 7c; ½ oz., 20c; oz., 35c.

455. **GROUND CHERRY or HUSK TOMATO.** The small yellow fruit has a flavor all of its own. The fruit is protected by the loose fitting outer husk.

446. **YELLOW PEAR.** Fruit a bright handsome yellow. Usually grown for preserves and "tomato figs."

447. **YELLOW PLUM.** Perhaps even more popular for preserves than Yellow Pear. Grows in clusters.

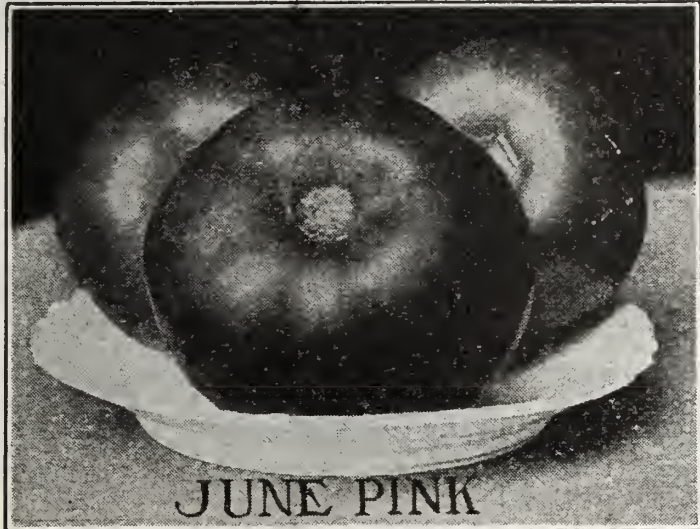
448½. **YELLOW CHERRY.** A very small, round, yellow tomato used for preserves.

449. **RED CURRANT.** Smaller than Yellow Cherry and red in color. Used for pickles, preserves, etc.

OLDS' TOMATOES



444. **★BONNY BEST.** An extra fine early variety for the home garden. A few days later than Earliana. The color is bright red. Vigorous and productive. Pkt., 8c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.



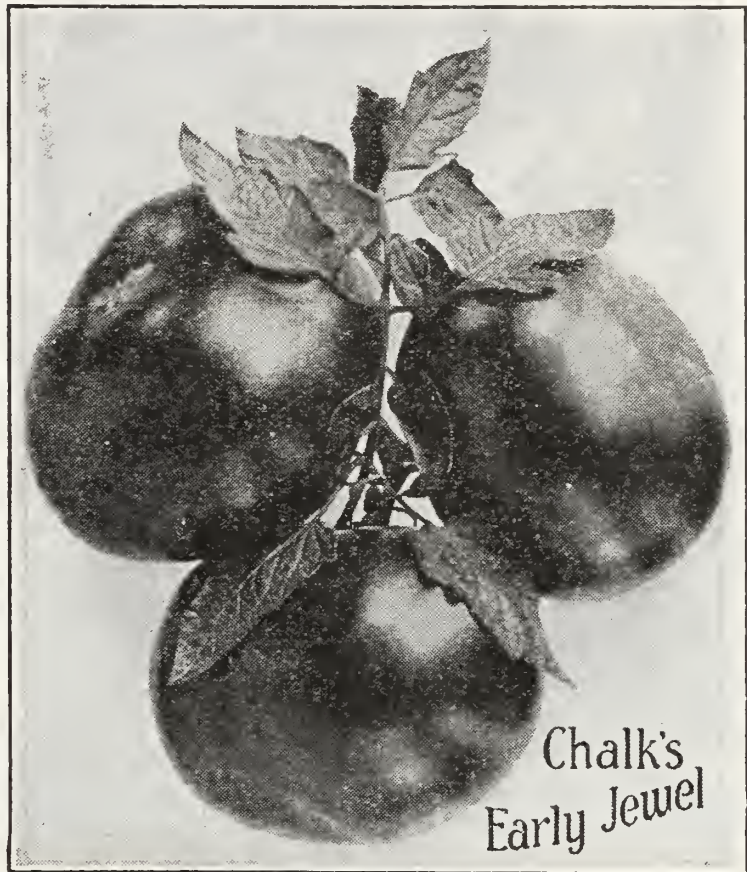
443. **★JUNE PINK.** The earliest of all pink tomatoes. A good yielder, of high quality, running very smooth for an early sort. The June Pink while an early tomato continues to bear and ripen fruit up to frost. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.25, postpaid.

429. **★MATCHLESS.** A great main-crop tomato of large size and perfectly smooth. Fruit, a handsome cardinal red, firm and solid. A long keeping variety. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.



439. **OLDS' GOLDEN BEAUTY.** (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.10, postpaid.

432. **DWARF CHAMPION.** A very popular dwarf variety; desirable where space is limited; fruit is smooth, solid and medium in size; color pink. Pkt., 7c; $\frac{1}{2}$ oz., 17c; oz., 33c; $\frac{1}{4}$ lb., \$1.00, postpaid.



434. **★CHALK'S EARLY JEWEL.** An exceptionally fine early variety, only a few days later than Earliana. Large handsome fruit, smooth, round and solid, with comparatively few seeds, and sweet flavor. Pkt., 7c; $\frac{1}{2}$ oz., 15c; oz., 28c; $\frac{1}{4}$ lb., 85c, postpaid.

437. **PONDEROSA.** The giant tomato. The tomatoes grow in beautiful clusters, oblong in shape, with solid flesh. Color deep purple. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.50, postpaid.



440. **★LIVINGSTON'S NEW GLOBE.** A beautiful globe in shape. Very smooth, purplish pink. A rich, juicy tomato, ideal for the home garden, excellent for slicing. Second early. Pkt., 7c; $\frac{1}{2}$ oz., 17c; oz., 33c; $\frac{1}{4}$ lb., \$1.00, postpaid.



Gator-Hide Mulch Paper increases growth and yields. Compare the mulched peppers and corn on the left with the unmulched on the right.

GATOR HIDE MULCH PAPER

Gator Hide Mulch Paper is an extremely tough, durable paper, impregnated with asphaltum. The paper mulch method, originated in Hawaii, has been tested out by state and federal experiment stations and found very satisfactory for American conditions. It is of really great value both to the home gardener and the professional grower.

Laid down between the rows it:

First—Makes cultivation unnecessary.

Second—Holds the moisture in the soil.

Third—Greatly increases the yield.

Prices: Type A (for annuals), 18-inch width, 300 linear yards to roll, \$3.50 per roll; 36-inch width, 300 linear yards to roll, \$7.00 per roll.

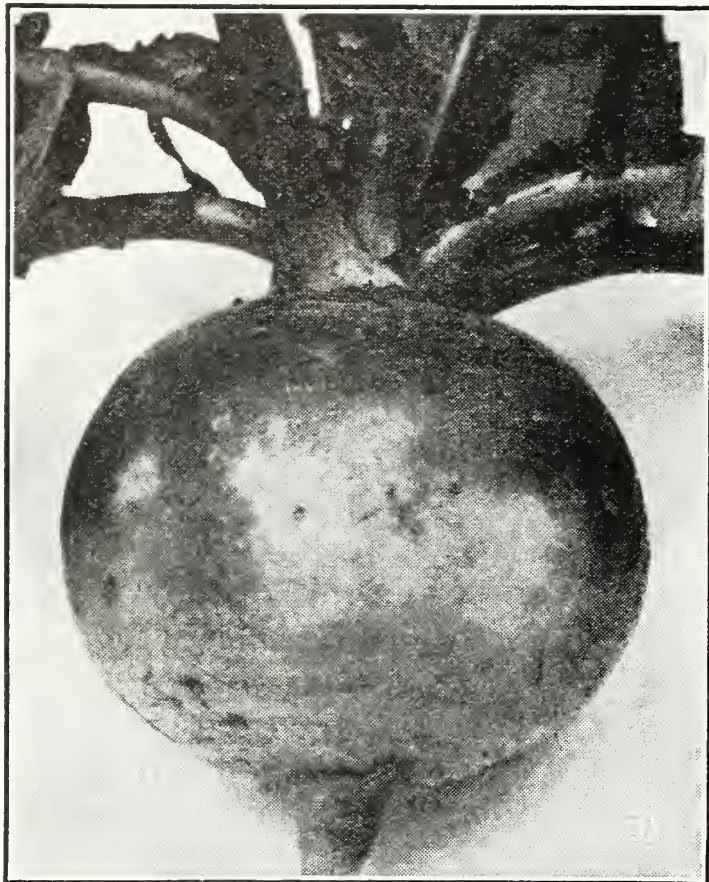
Type B (extra heavy, for perennials), 18-inch width, 150 linear yards to roll, \$3.50 per roll; 36-inch width, 150 linear yards to roll, \$7.00 per roll.

(Ask for 32-page book, "The Miracle of Mulch Paper.")

OLDS' TURNIPS AND RUTABAGAS

Farmers should grow more rutabagas and turnips. Stock will thrive and gain rapidly when these are included in their feed. Turnips can be sown with oats and other grain and in that way they cost practically nothing. Enormous yields per acre may be obtained. We recommend Purple Top Strap Leaf as the best stock turnip.

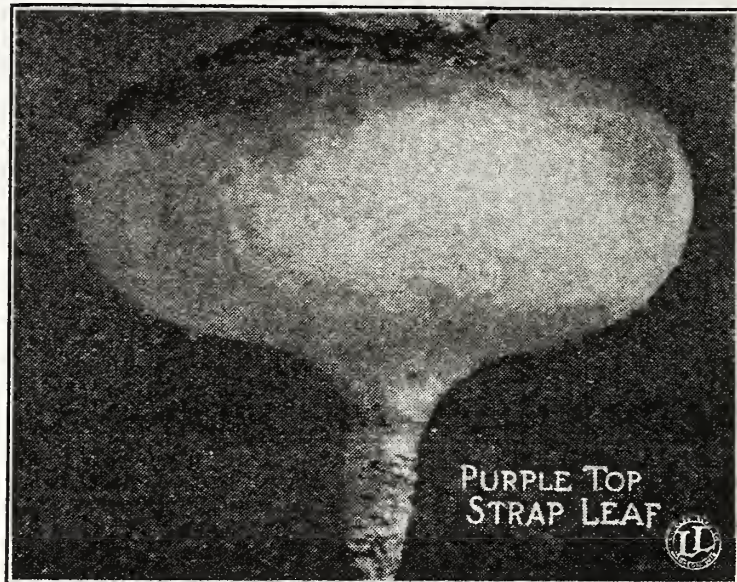
CULTURE: For early turnips sow as soon as the ground can be worked in drills 14 inches apart, rutabagas 30 inches apart. Thin the early varieties of turnips to 6 or 9 inches in the row and rutabagas to about 12 inches. For a fall crop of turnips sow in July or August and for the main crop of rutabagas sow about June 15th. The roots should be harvested before a severe frost and stored in a cool cellar covered with dry soil. They may also be pitted outdoors, care being taken to keep water from them. Kept in this manner they will be found in good condition in the spring. A packet will sow 50 feet, one pound an acre in drills and 2 or 3 pounds an acre broadcast. If larger quantities are wanted, see our Market Gardeners' Price List, pages 29 and 30.



Purple Top White Globe Turnip.

465. ★OLDS' PURPLE TOP WHITE GLOBE. Very attractive in appearance; almost a perfect globe; a rapid grower, with pure white flesh and a great yielder. Much like Purple Top Strap Leaf except round instead of flat. Pkt., 6c; oz., 10c; ¼ lb., 20c; lb., 55c; 5 lbs., \$2.10, postpaid.

467. COW HORN. Pure white, except a little shade of green at the top. Carrot shaped, slightly crooked and growing nearly half out of the ground, making it easy to harvest. Roots often 12 to 15 inches long. Pkt., 8c; oz., 15c; ¼ lb., 25c; lb., 70c; 5 lbs., \$2.75, postpaid.



460. ★OLDS' PURPLE TOP STRAP LEAF. The most widely cultivated and best known variety. A very early, productive sort. Largely grown for stock and also a great favorite for table use. Flat in shape, of medium size, purple above ground, and white below. Flesh white, tender and fine grained. Many farmers sow this variety of turnip broadcast with their grain, one pound of seed per acre. It makes a wonderful pasture after harvest and costs practically nothing. Pkt., 6c; oz., 10c; ¼ lb., 20c; lb., 55c; 5 lbs., \$2.10, postpaid.

466. OLDS' SNOWBALL. Very early, of medium size, round as a ball. The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 6c; oz., 10c; ¼ lb., 25c; lb., 70c; 5 lbs., \$3.00, postpaid.

474. MIXED TURNIPS. By sowing this well balanced mixture, you are assured turnips of long, round and flat shapes from early summer until winter. Pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 50c; 5 lbs., \$2.00, postpaid.

RUTABAGAS

475. ★OLDS' IMPROVED PURPLE TOP. This is an improved strain of the well known standard variety. It is a very heavy yielder, and has no tendency to grow long necks as some varieties do. It is very hardy, a fine keeper, and very satisfactory for both table use and feeding stock. Roots are large, globe shaped, with a very small tap root; color bright yellow with a purple top; tender and sweet. Pkt., 7c; oz., 10c; ¼ lb., 25c; lb., 70c; 5 lbs., \$2.80, postpaid.

477. NEW GOLDEN NECKLESS. The roots grow to a large size, and are almost globular in form. The flesh is fine grained, of a yellow color, mild and sweet. Will keep until late in the spring. Pkt., 5c; oz., 10c; ¼ lb., 18c; lb., 60c; 5 lbs., \$2.40, postpaid.

478. WHITE RUSSIAN. An excellent rutabaga for either table use or stock. A good keeper and very desirable in every way. Very large, globular shaped with small neck. Color white with a shade of green at the top. Flesh white, very firm and sweet. The tops are small and strap leaf. Pkt., 7c; oz., 10c; ¼ lb., 20c; lb., 65c; 5 lbs., \$2.50, postpaid.



February 2, 1930.

"I always buy seed from you as I can sure depend on its growing and being of fine quality."—Homer H. Handel, Illinois.

OLDS' CHOICE FLOWER SEEDS

BEAUTIFY YOUR HOME. GROW MORE FLOWERS

Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care must be taken to make the ground suitable to their needs. The soil best adapted to flowering plants is generally a light friable loam, containing enough sand to make it porous, thoroughly pulverized and enriched with liberal amounts of bone meal or Vigoro. Make the seed bed as fine, smooth and level as possible, except that a slight rounding of the bed is desirable that it may be well drained; do not plant when the ground is wet and do not plant too early. The ground must be thoroughly warm for most flower seeds. Cover each lot of seeds to a uniform depth which should not be more than four to six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the plantlets may be easily seen; thin to prevent crowding. If you will do this and will use Olds' Seeds, you may confidently look forward to spring, summer, and autumn enriched by the beauty and fragrance of your own flowers.

The meaning of the initial letter preceding each variety is as follows:

A. indicates an Annual; these grow, bloom and die the first year.

B. indicates a Biennial; these grow the first year and bloom and die the next.

P. indicates a Perennial; these grow the first year, bloom the second and from year to year thereafter.

H. indicates a Hardy Plant. H. H. indicates a Half-Hardy Plant. T. indicates a Tender Plant.

Thus H. H. A. would mean Half-Hardy Annual, and T. P. a Tender Perennial.

OLDS' FLOWER NOVELTIES AND SPECIALTIES

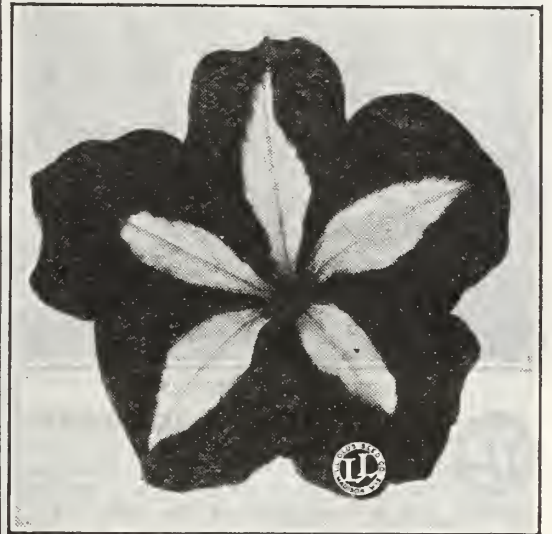


Delphinium, Hollyhock Strain.



1016. OLDS' LARK-SPUR, La France. H. A.

This new double stock-flowered Larkspur which we introduced two years ago met with great favor and we are again placing it among our novelties. The unique feature which differentiates it from the older types of Larkspur, but which it shares with Los Angeles, is the large number of laterals on the crown stems. As high as 18 laterals have been picked from one plant. The well formed double flowers are well placed on long stems which set off its attractiveness. It is a vigorous growing plant and more resistant to mildew than the older varieties. Color, pleasing salmon pink. Pkt., 15c; 2 pkts., 25c.



Petunia, Star of California.



1331. OLDS' DAHLIA FLOWERED ZINNIA, Crimson Monarch.

This truly remarkable deep red Zinnia has proven very popular. If you did not order it last year it should not be overlooked this season.

We consider Crimson Monarch the best red in a Dahlia Flowered Zinnia. Has enormous flowers of the brightest crimson scarlet. Pkt., 15c; 2 pkts., 25c.



1104. ★OLDS' BALCONY

PETUNIA, Star of California. H. A. This is a magnificent Petunia of the balcony type. Bred with extremely long branches. The flowers are a rich velvety violet with a touch of crimson, starred with five pure white blotches. The effect in window boxes or hanging baskets is dazzling. Pkt., 20c; 2 pkts., 35c.



1019. ★OLDS' DELPHINIUM, Hollyhock Strain Mixed. H. P. This is the finest of all types of Delphiniums. This mixture contains all of the colors in Delphiniums including both double and single flowering varieties. Individual blooms have actually measured three inches across. Plants are from 5 to 6 feet tall. Planted this summer they will bloom next year and every year thereafter.

NEW DUPLEX SWEET PEAS.

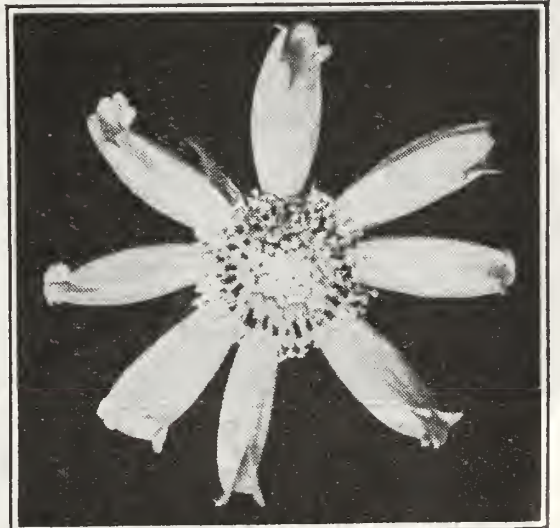
During the past few years there has been a demand for a double Sweet Pea. We offer our customers two distinct varieties which we term "Duplex." They have a double row of petals which gives the flowers the appearance of being double.



1251. OLDS' DUPLEX, Winnie Morse. H. A.

This is the largest and most beautiful Sweet Pea we have yet introduced. The flowers are mostly Duplex and beautifully frilled giving the blossoms a fine, wavy effect. The color is a cream ground, blush, soft, rosy pink.

The flowers are well placed upon the stem with usually four blossoms to a stem. When cut and bunched they are very beautiful. Pkt., 15c; 2 pkts., 25c.



Cosmos, Hollywood Star.



1250. OLDS' DUPLEX, Kittle Pierce. H. A.

A new shade in Sweet Peas, being a soft, light lilac suffused with blush pink. The blossoms are very large and are well placed on the strong, stout stems. The petals are beautifully frilled and wavy. A truly remarkable flower. Pkt., 15c; 2 pkts., 35c.



924. OLDS' COSMOS, Hol-

lywood Star. H. A. This graceful oddity was discovered in a field of late crested Cosmos. The flowers are pink, red and white, borne on long stems. Very useful for cut flowers as it is sure to attract attention wherever shown. Pkt., 15c.



Escholtzia, Ramona.



874. OLDS' ESCHOLTZIA, Ramona. H. A.

A striking novelty which has been accepted as a very desirable type of fancy Escholtzia. In numerous tests the past few years it has become more striking each season. Pkt., 10c; 2 pkts., 15c.

OLDS' FLOWER NOVELTIES AND SPECIALTIES



Larkspur, Los Angeles.



1018. OLDS' LARKSPUR. Los Angeles. H. A. This new double, stock-flowered Larkspur was developed in response to the demand for a Larkspur of the same habits as La France, but larger and with a deeper color. In this variety we have the rich salmon ground of La France overlaid with a brilliant and pleasing rose. The type of growth is similar to La France, but the foliage is a much darker green, making the large double flowers stand out more prominently.

We are sure that Los Angeles will prove a very valuable addition to our already popular stock-flowered type of Larkspurs. Pkt., 20c; 2 pkts., 30c.



Verbena, Golden Queen.



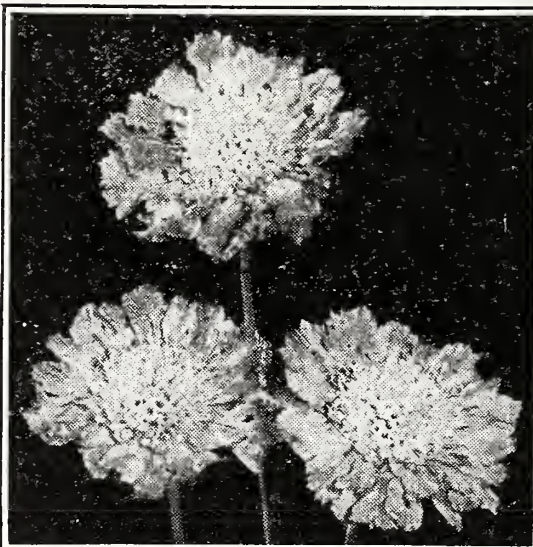
1306. OLDS' MAMMOTH GOLDEN QUEEN VERBENA. H. A. The Mammoth Golden Queen Verbena is a very clear golden yellow and a decided novelty so far as color goes. No good yellow Verbena has ever been produced before. The flowers are of medium size, borne on a vigorous vine that is of an everbearing nature and a deep clear yellow in color. It is one of the earliest of flowers and continues to develop throughout the growing season. Pkt., 20c; 2 pkts., 30c.



1108. OLDS' CARNATION FLOWERED PETUNIA. H. A. This petunia, which closely resembles a double Carnation, is very striking and very suitable for porch boxes.

We offer this as a remarkable new strain of petunia, the result of years of selecting and re-selecting. The flowers are medium sized, resembling carnations. The color is a deep shade of rose, wonderfully pleasing.

We recommend this new petunia to our customers as the very choicest strain of petunia to be found anywhere although it must not be expected that all the flowers will be double. No variety of Double Petunia usually blooms more than 15 per cent double. Pkt., 25c; 2 pkts., 40c.



Scabiosa, Caucasica Hybrids.



1156. OLDS' SCABIOSA, Caucasica Hybrids. H. P. This new perennial strain of Giant Hybrids is very beautiful and a great improvement over the older types; being more vigorous and larger with longer stems and larger petals.

The petals are ruffled and slightly frilled on the edges. It will be very fine for growing under glass. The colors in this strain range from white to the darkest blue; but the predominating color is a dark lilac and mauve. This magnificent strain surpasses all other introductions of Scabiosa for general use. Pkt., 20c; 2 pkts., 30c.

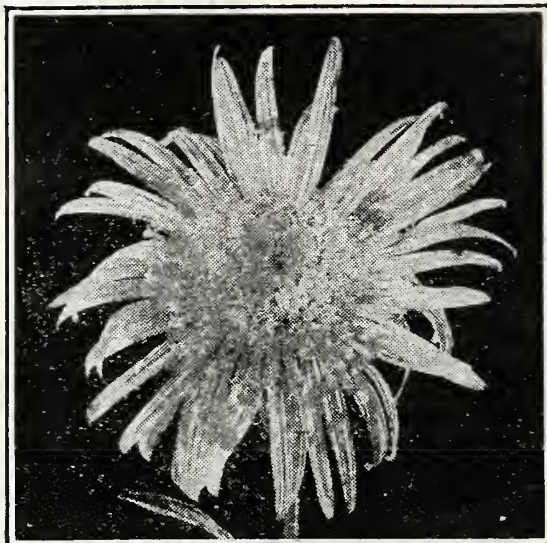
871. OLDS' ESCHOLTZIA, Autumn Glory. H. A. An outstanding novelty. A good double Escholtzia or California Poppy has been altogether wanting before but now we have it.

This new orange-yellow Escholtzia is easily grown from seed and a large per cent of the plants bloom double. We are positive that this striking novelty will meet with favor. Pkt., 15c; 2 pkts., 25c.



1330. OLDS' ZINNIA, Liliput Mixed. H. A. Small plants forming little bushes which fairly bristle with short-stemmed, very double flowers. A fine variety to use for bedding. Height, 12 to 15 inches. Will bloom all summer and late in the fall. Pkt., 15c; 2 pkts., 25c.

TREAT BEFORE PLANTING WITH
SEMESAN
FOR DISEASE PROTECTION

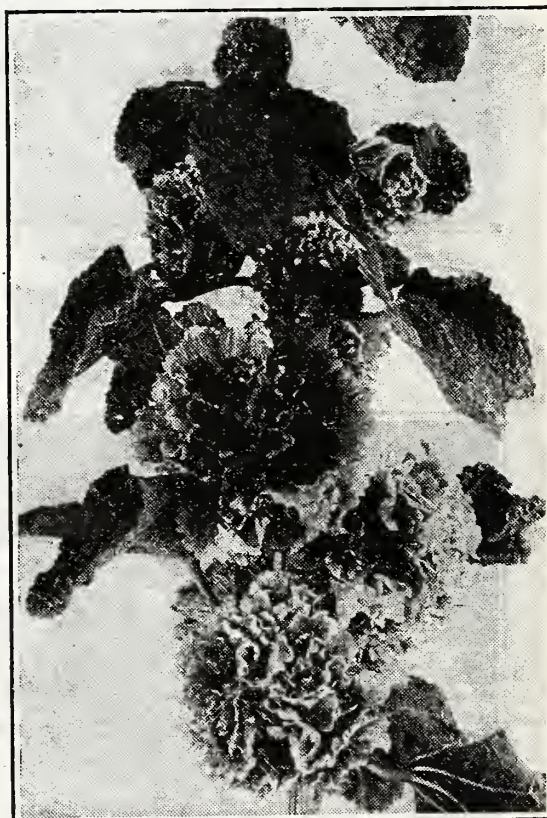


Aster, California Sunshine.



815. OLDS' CALIFORNIA SUNSHINE ASTER. H. A. The Sunshine Aster is not a strictly new type aster. It was introduced in this country a few years ago and became quite popular. However, its habits of growth were not desirable as the flowers were borne on short and weak stems. Olds' California Sunshine Aster, however, overcomes this objectionable feature, as the flowers are borne on long stout stems. The stems measure 2 to 2½ feet while those of earlier types measured about 1 to 1½ feet.

Our mixture contains the following colors: flesh pink, carmine, lavender and violet. Pkt., 15c; 2 pkts., 25c.



Hollyhock, Exquisite.



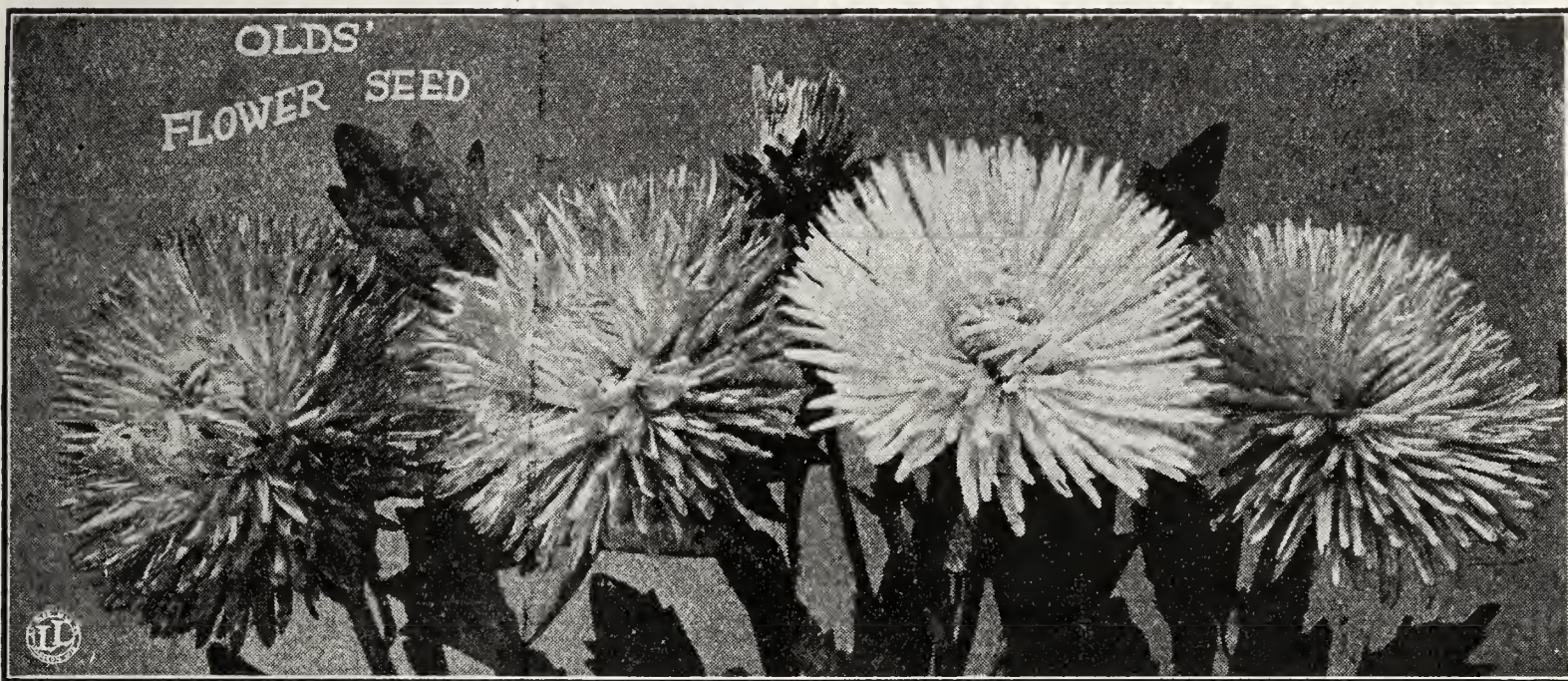
1006. OLDS' HOLLYHOCK, Exquisite. B. A wonderful variety and a great improvement over the older types. Very large flowers with beautifully curled and fringed white margined petals, each adorned with a large blotch of various shades of red.

Hollyhocks seem to be increasing in popularity for growing beside walls, fences and foundations, and this new variety will be ideal for that purpose. It is very striking and more showy than the older types. Pkt., 15c; 2 pkts., 25c.

OLDS' CHOICE FLOWER SEEDS

OLDS' ASTERS

Asters are most desirable of all autumn hardy annuals, for during the early fall when all nature is a riot of reds and yellows, they produce the blues and purples that perfect the color scheme.



Olds' Finest Mixed Asters.

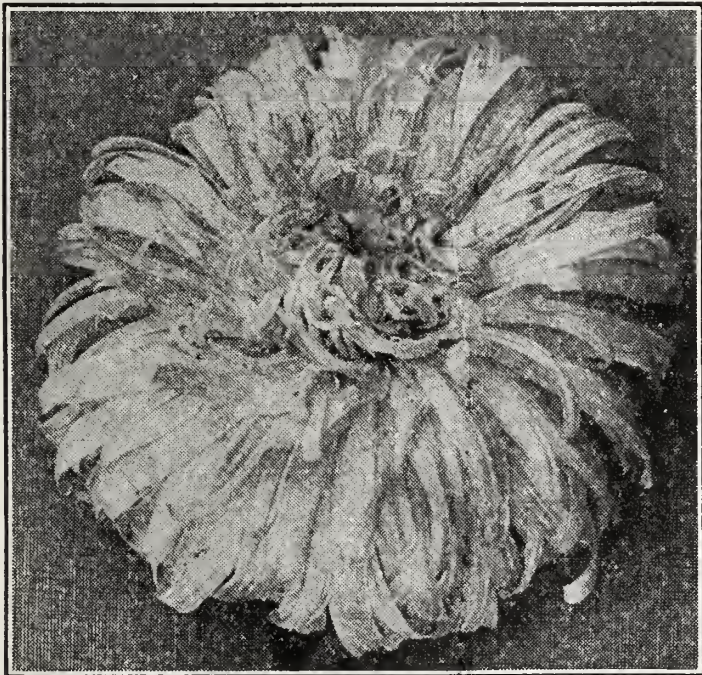
800. ★Olds' Finest Mixed. This is a mixture of the very best varieties; large flowers, bright colors, a splendid assortment. Pkt., 10c; ½ oz., 50c.

800½. Royal Mixed (Early Flowering). A new class of American aster. Very large double flowers with distinctly incurved petals. Pkt., 7c; ½ oz., 45c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 10c; 2 pkts., 15c.

802½. ★Olds' Giant Branching (Mixed). The finest of all asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy flowers. Pkt., 10c; ½ oz., 50c.

803½. ★Sensation. This is the reddest of all red asters. The bright color glistens in the sunshine like a live coal. Flowers double, recurved. Pkt., 12c; 2 pkts., 20c.



Olds' California Giant Double Aster.

817. ★Olds' California Giant Double, Mixed. A combination of the sturdy habit of growth and long stems of the Beauty type of Asters with the well-known Ostrich Feather type of large, graceful flowers. The colors are white, peach blossom, light blue, light purple, deep rose and dark purple. Pkt., 15c; 2 pkts., 25c.

815. Olds' California Sunshine Aster, Mixed. H. A. This new aster is one of the most fascinating flowers yet introduced. Very fine for cutting. See page 64. Pkt., 15c; 2 pkts., 25c.

ASTER PLANTS. Olds' Finest Mixed. 45c per doz., postpaid.

804½. ★Giant White (Branching). One of the best white asters. Four inches in diameter. Pkt., 10c.

805½. Giant Shell Pink (Branching). The best clear light pink. Large flowers, graceful in form. Pkt., 7c.

806. White Ostrich Plume. Without doubt one of the finest asters grown. Large, graceful flowers free from all stiffness; very suitable for cut flowers. Pkt., 10c.

807½. Giant Crimson (Branching). A new variety with conspicuously bright red flowers, very double. A mass of them produces a splendid effect. Pkt., 5c.

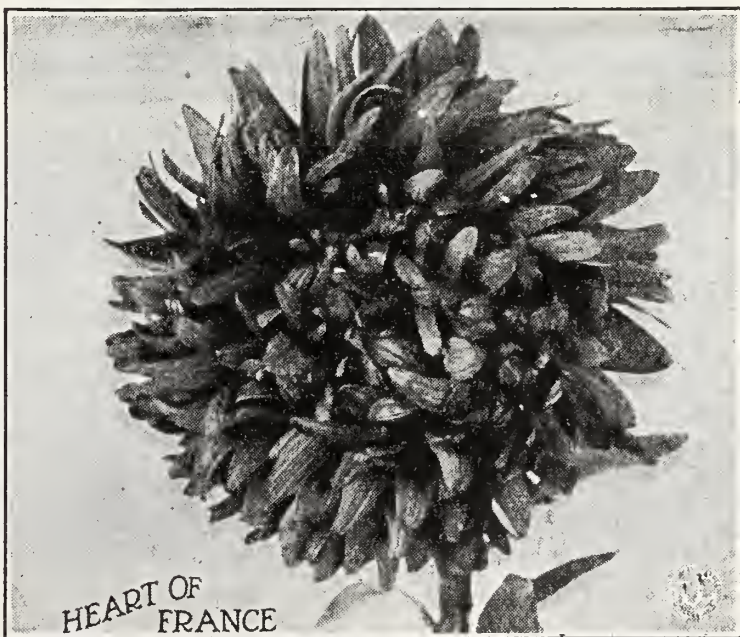
808½. Giant Blue (Branching). Almost a pure lavender shade, approaching an azure blue. Pkt., 10c.

809½. Giant Purple (Branching). A rich violet or purple. One of the best dark-shaded varieties. Pkt., 10c.

812. ★Alice Roosevelt. Large yellow flowers changing to flesh color. Pkt., 10c.

812½. ★Silver Rose. A robust, long-stemmed, large-flowering new variety. Ashes of roses exactly describes the color of this new Aster. Very beautiful. Pkt., 10c.

819. ★Olds' Everlasting Aster. A curious new Aster resembling a Helichrysum. When cut and dried it has the color and shape of an everlasting flower. Plant early in the spring. Pkt., 10c.



805. ★Heart of France. The best pure red aster ever introduced; flowers large and full, purest ruby. Pkt., 15c; 2 pkts., 25c.

OLDS' CHOICE FLOWER SEEDS

825. **AGERATUM**. H. H. A. (Floss Flower, Paint Brush.) One of the best bedding plants, bearing bright blue flowers in greatest profusion from early summer until frost. Pkt., 10c.

831. **ALYSSUM, SWEET**. H. A. (Carpet Flower.) **Little Gem**. Carpet of snow. One of the finest dwarf annuals we have for edging, and much loved for its modest blossoms, white and honey scented. Pkt., 7c.

833. **ALYSSUM, SWEET**. H. P. Saxatile. A perennial Sweet Alyssum, producing masses of golden flowers very early. Pkt., 10c.

ANTIRRHINUM. See Snapdragon, page 72.

862. **BEGONIA**. T. P. Single Mixed. The well known perpetual blooming house plant. Easily grown from seed. Pkt., 15c; 2 pkts., 25c.

Sheps Plant Spray Kills Bugs

See page 93.



Olds' New Calendula Campfire. (Sensation.)



868. ★**CALENDULA**. H. A. Olds' Campfire. (Sensation.) Larger blooms than on any variety previously introduced. Of vigorous growth, the flowers borne on stout stems. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Blooms are flat, very large and handsome. Pkt., 15c.

865. **CALENDULA**. H. A. (Pot Marigold.) Double Mixed. Freely flowering plants of easiest culture, succeeding everywhere. Pkt., 5c.

866. ★**CALENDULA**. H. A. Orange King. A very select, double, dark orange-red calendula. Pkt., 10c.

880. **CANARY BIRD FLOWER**. H. A. A dainty vine with ornamental cut leaves, and dainty, canary-yellow flowers of curious shape. Pkt., 10c.

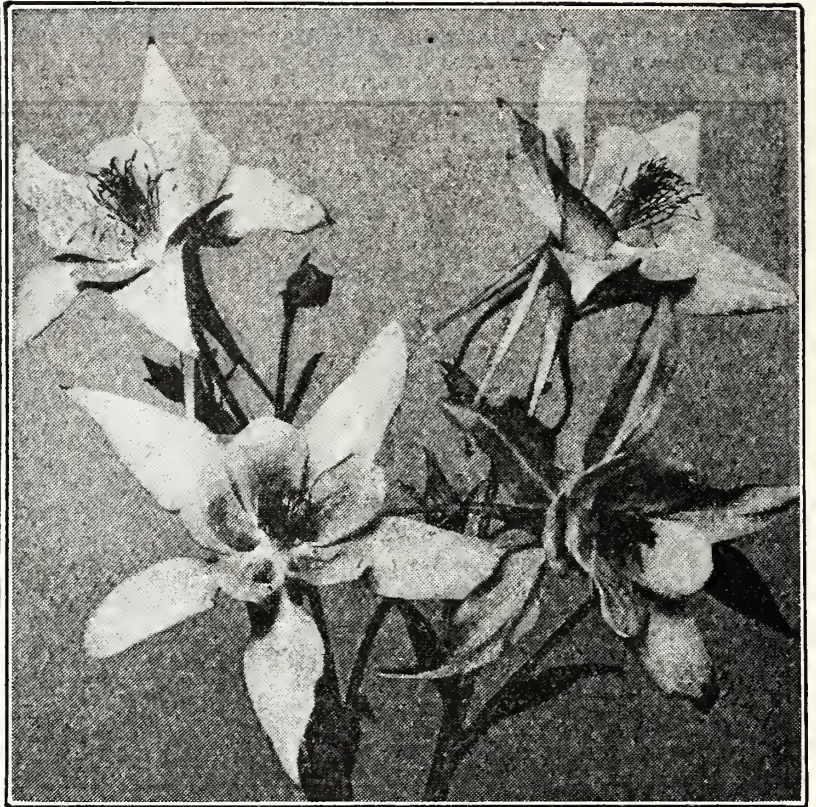
885. **CANDYTUFT**. H. A. Olds' Choice Mixed. Well known, hardy plants, much used for borders and edging. Easy to grow. Pkt., 5c.

CATHEDRAL BELLS. Pkt., 10c. See Cobaea Scandens, page 69.

875. **CALLIOPSIS**. H. A. Fine Mixed. Showy, yellow flowers, some with base of petals of deep maroon. Free-blooming, doing well in any sunny position and blooming all summer and fall. Pkt., 5c.

877. ★**CALLIOPSIS**. H. P. (Coreopsis.) Lanceolata. One of the finest of the hardy perennials. Yellow, daisy-like flowers in great profusion. Pkt., 10c.

COREOPSIS PLANTS. See page 80.



Aquilegia or Columbine.

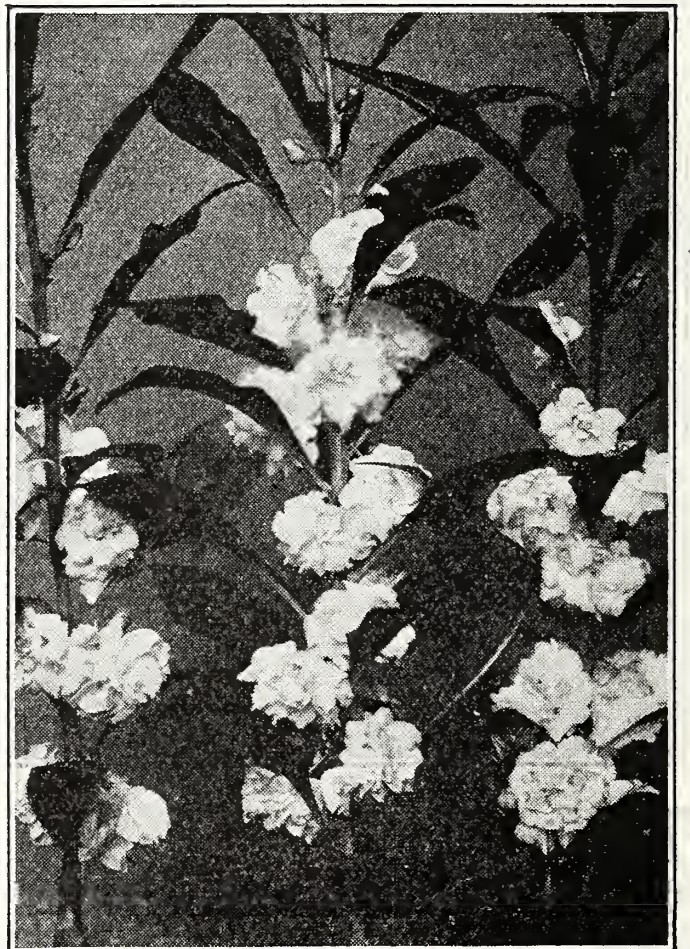
845. ★**AQUILEGIA**. H. P. (Columbine.) Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers, spurred. Pkt., 10c.

BABY'S BREATH. See Gypsophila, No. 994, page 69.

855. ★**BACHELOR'S BUTTON**. H. A. (Centaurea, Corn Flower, Blue Bottle, Ragged Sailor, etc.) Mixed. Although not a pretentious plant, Bachelor's Button is one of the popular, hardy, old-fashioned annuals. Pkt., 10c.

BLANKET FLOWER. See Gaillardia, page 69.

BUTTERFLY FLOWER. See Schizanthus, page 72.



Olds' Camellia Mixed Balsam.



860. ★**BALSAM**. H. A. (Lady Slipper.) Olds' Camellia Mixed. Another old time favorite, producing its gorgeous masses of brilliant colored flowers in great profusion. Very easy to grow. Pkt., 7c.

OLDS' CHOICE FLOWER SEEDS



Canterbury Bells.

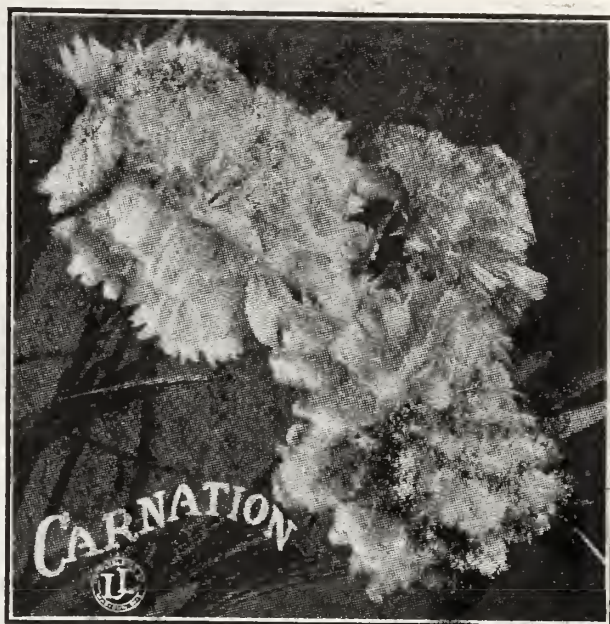
895. **CANTERBURY BELLS.** H. B. Mixed. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. Pkt., 10c; 2 pkts., 15c.
896. ★**CANTERBURY BELLS.** H. B. Cup and Saucer. This is a very interesting species of Canterbury Bell, the calyx forming a saucer around the base of the cup like a bell. Pkt., 10c; 2 pkts., 15c.
- CANTERBURY BELLS PLANTS.** See page 80.
890. **CANNA.** H. A. Crozy's Best Mixed. Height, 2½ to 8 feet. Great clusters of brilliant bloom, borne on tall spikes, surmounting broad leaves of green, bronze or purple, giving a tropical effect. Easily grown from seed if planted early. File the shell of the seed to hasten germination. Pkt., 10c.
- CANNA BULBS.** See page 78.

Note our Rock Garden Collection of plants on back cover—21 named plants for \$4.75.

March 21, 1930

"I raised some of your *Asters* last summer and they were lovely. One pink bloom measured six inches across."

Mrs. J. Graham,
South Dakota.



Olds' Carnations.

900. **CARNATION.** H. H. P. New Giant Marguerite. Free blooming, spicy-scented, double, fragrant flowers, nearly 3 inches across. Pkt., 10c.
901. **CARNATION.** H. H. P. Yellow Marguerite. A unique color in carnations. Pkt., 10c.
- 900½. **CARNATION.** H. P. Dwarf Vienna Mixed. Quite hardy with ordinary protection. Large, double flowers, produced in succession all summer. Pkt., 10c.
898. **CARDINAL CLIMBER.** H. A. A very handsome vine with finely-cut fern-like ornamental foliage; a strong, rapid grower attaining a height of 25 feet, and covered with a blaze of fiery, cardinal red flowers, somewhat resembling small Morning Glories with the bell turned back. Pkt., 10c.
- CASTOR OIL BEANS.** Pkt., 10c. See Ricinus, page 72.
905. **CELOSIA.** H. A. (Coxcomb) Ostrich Plume. Very hardy annuals of easy culture, producing large, ornamental, comb-like heads like ruffled crimson chenille. Maroon-colored leaves. Pkt., 10c.
911. **CENTAUREA IMPERIALIS.** H. A. Sweet Sultan. Beautiful, sweet-scented thistle-like flowers borne on long, strong stems. When cut, will last for days in water. Very easy to grow. Pkt., 10c.
915. **CHRYSANTHEMUM.** H. A. Singled Mixed. Annual varieties. Showy flowers of pleasing shades, growing on strong stiff stems. Largely grown for cut flowers. The foliage is finely cut and ornamental. Pkt., 10c.
- CHRYSANTHEMUM PLANTS.** See page 84.
919. **CLARKIA ELEGANS.** H. A. Mixed. Bright and attractive annuals of easy culture. They grow about 2 feet high, bear profusely; pretty double flowers carried on long graceful sprays. Pkt., 10c.

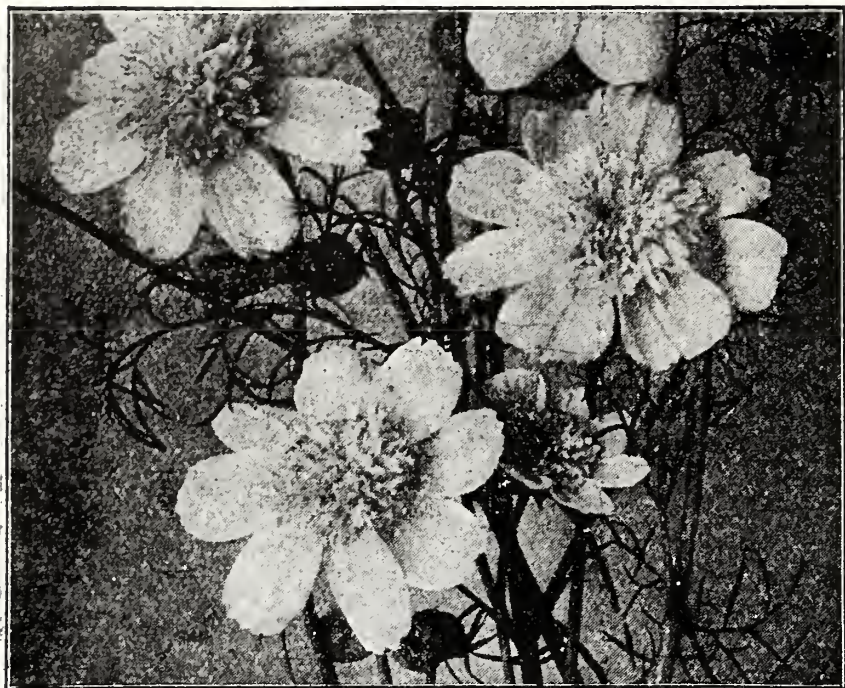


Escholtzia or California Poppies. (Fine Mixed.)

871. **ESCHOLTZIA.** H. A. Olds' Autumn Glory. Our new double California Poppy described on page 64. Very beautiful. Pkt., 15c.
874. **ESCHOLTZIA.** H. A. Olds' Ramona. Our new ruffled California Poppy. Most beautiful yet introduced. See page 63. Pkt., 10c.

870. **CALIFORNIA POPPY.** H. A. (Escholtzia.) Fine Mixed. The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flowers, orange and yellow. Should be in every garden. Pkt., 7c.
872. ★**CALIFORNIA POPPY.** H. A. Carmine King. Beautiful carmine-rose, both inside and out. Pkt., 7c.
873. **CALIFORNIA POPPY.** H. A. Golden. The true, wild California Poppy. Largest flowers. Pkt., 7c.

OLDS' CHOICE FLOWER SEEDS



Cosmos—Double Early Flowering Mixed.

925 $\frac{1}{2}$. **OLDS' COSMOS.** H. A. Double Early Flowering Mixed. Grows about three feet high, forming a perfect bush, massed with blooms. The double crested center is edged with a row of single petals. Very early. Pkt., 15c.



924. H. A. **Olds' Hollywood Star.** This curious shaped Cosmos is indeed a rare novelty. See page 63. Pkt., 15c.

926 $\frac{1}{2}$. ★**Extra Early Colossal Mixed.** H. A. The Cosmos for the northern states. The plant is graceful and delicate, the flowers as large as the late blooming kinds. Pkt., 10c; oz., 50c.

925. **COSMOS.** H. A. **Giant Flowered Mixed.** Not as early as some but with very large blossoms. Pkt., 10c.



OLDS' DAISIES

944 $\frac{1}{2}$. **Golden Orange.** H. A. A rare and showy African Daisy with large, glossy, orange-red flowers. Pkt., 10c.

940. **Fine Mixed.** H. P. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 7c.

943 $\frac{1}{2}$. **Arctotis.** H. A. (Blue-Eyed African Daisy.) Plants quickly form bushes 2 to 3 feet across with deep-cut silver foliage and large blossoms of silver white with blue eye. Underside of petals bluish. Pkt., 5c.

944. **Shasta Giant.** H. P. A splendid, hardy perennial producing, on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. Pkt., 10c.

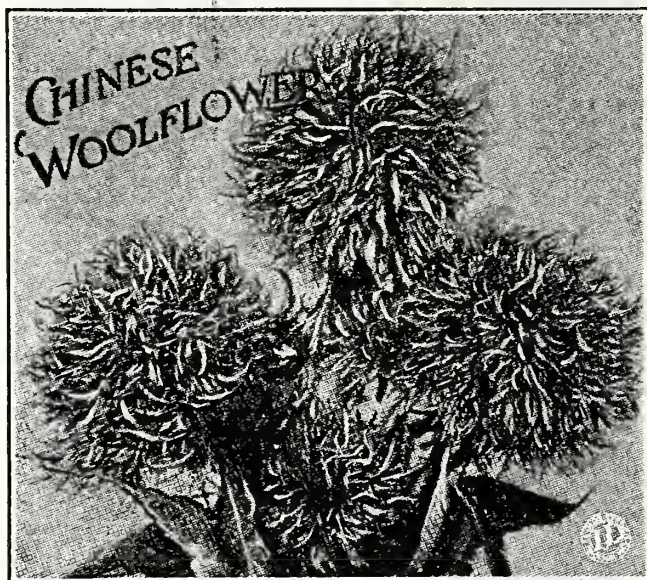
DAISY PLANTS. Page 80.

920. **COBAEA SCANDENS.** H. A. (Cathedral Bells.) One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season; fine for covering porches, trellises, arbors, tree-trunks, etc.; will cling to any rough surface. In sowing, plant the seed edgewise, in flats in March or April. The large bell-shaped flowers are first green then turn to a beautiful purple. Pkt., 7c.

COXCOMB. See Celosia, page 67.

933. **CYCLAMEN.** T. P. **Giant Flowered.** A charming house plant with rich-colored flowers, whose beauty of form is enhanced by the reversed petals. Pkt., 15c.

930. **CYPRESS VINE.** H. H. A. **Mixed.** Unexcelled for training up a light trellis. Bears many star-shaped scarlet or white blossoms; finely cut leaves. Pkt., 7c.



1303. **CHINESE WOOLFLOWER.** H. A. The most showy of all garden annuals. A new variety of Celosia growing two to three feet high, with great, crimson, globe-shaped heads. Scores of branches are thrown out, each bearing a ball of scarlet wool. The numerous flowers together with the bright green leaves look like an immense bouquet carefully arranged and set in the ground. None of the blooms fade until frosted. Pkt., 10c.

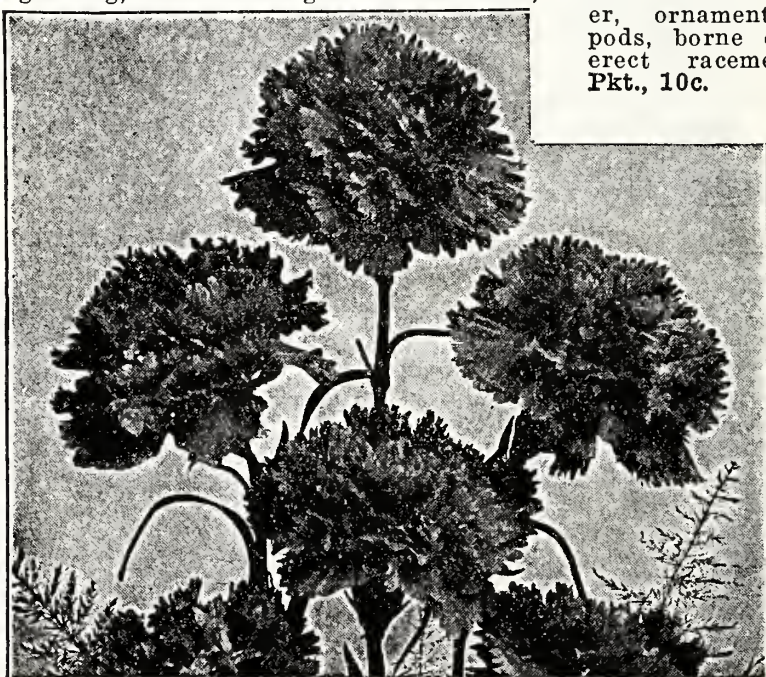
DELPHINIUM. Pkt., 10c. See Larkspur, page 70.

958. **DIGITALIS.** H. P. (Foxglove.) **Giant Shirley Mixed.** Handsome stately plants of imposing mien giving a wealth of flowers during June and July. Pkt., 10c.

DIGITALIS PLANTS. See Fox Glove page 80.

960. **DOLICHOS.** H. A. (Hyacinth Bean.) A rapid-growing, free-flowering annual climber; blossoms and later,

er, ornamental pods, borne on erect racemes. Pkt., 10c.



Dianthus Plumarius—Clove Pink.

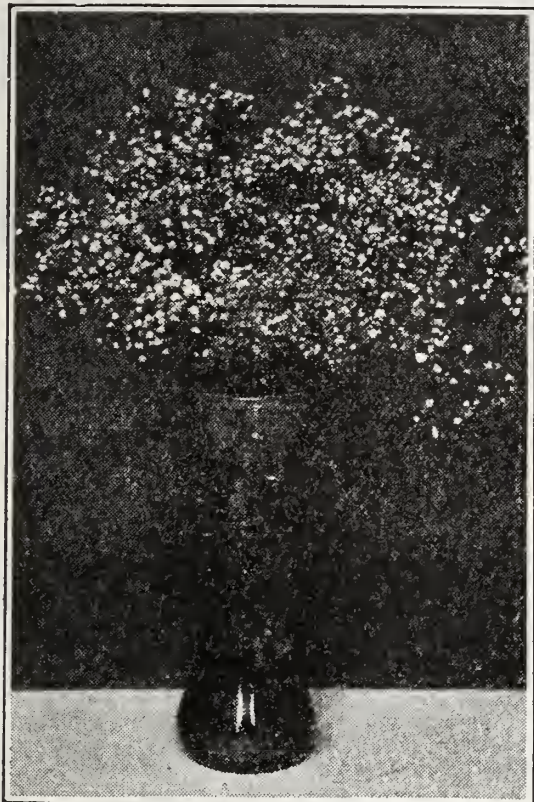
957. **DIANTHUS.** H. P. **Plumarius.** (Clove Pink.) A beautiful hardy perennial single pink with fringed edged flowers in various colors. Pkt., 10c.

950. **DIANTHUS.** H. A. (Pinks.) **Mixed.** One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form stripes, bands and markings and are very beautiful. Pkt., 10c.

OLDS' CHOICE FLOWER SEEDS

OLDS' STRAW FLOWERS

965. ★EVERLASTING. H. A. *Helichrysum* Mixed. Double flowers in glittering colors. Pkt., 10c.
 966. EVERLASTING. H. P. (Sea Lavender.) *Statice*. Full panicles of small blue flowers all summer. Pkt., 10c.
 966½. EVERLASTING. H. P. *Statice Latifolia*. Large flat heads of purplish-pink color. Pkt., 10c.
 967. EVERLASTING. H. A. *Acroclinium*, Mixed. A pretty annual 15 inches high, bearing lovely white or pink daisy-like blossoms. Lasts through the winter. Pkt., 10c.
 968. EVERLASTING. H. A. *Statice Sinuata*. A charming new bright rose color. Pkt., 10c.



Gypsophila Paniculata or Baby's Breath.

993. GYPSOPHILA. H. P. (Baby's Breath.) *Paniculata*. The flowers are small, starlike, and borne in feathery sprays. May be used for winter also. Pkt., 15c.

GYPSOPHILA PLANTS. See page 80.

994. GYPSOPHILA ELEGANS. H. A. Similar to the perennial *Gypsophila* only an annual. Pkt., 10c.

997. GOMPHRENA. H. A. Best Mixed. (Globe Amaranth.) A showy annual everlasting or straw flower, much like a large clover blossom. Pkt., 10c.

1026. LUNARIA. H. A. (Silver Dollar Plant.) Sometimes called Honesty Plant. The flowers are purple followed by silvery seed pods which make wonderful straw flowers. Pkt., 10c.



Improved Coltness Hybrid Dahlia.

936. DAHLIA. H. A. Improved Coltness Hybrid. A dwarf, compact, single-flowered Dahlia easily grown from seed. Attains a height of 1 to 1½ feet. Will produce flowers freely throughout the season of many vivid and striking shades. Pkt., 15c; 2 pkts., 25c.

935. DAHLIA. H. A. Double Mixed. Large flowering. Dahlias can be easily grown from seed so as to bloom the first year. Plant in a box in the house in April, and transplant. Pkt., 10c.

DAHLIA BULBS. See page 76.



Hardy Perennial Gaillardia.

986. ★GAILLARDIA. (Blanket Flower.) H. P. Hardy Perennial Mixed. Blooms continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, on the petals. Pkt., 10c.

985. ★GAILLARDIA. H. A. Double Mixed. The annual Blanket Flower—reds and yellows. Pkt., 10c.

GAILLARDIA PLANTS. See page 80.



1013. ★KOCHIA. (Annual Evergreen.) H. A. Mexican Fire Bush. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Pkt., 5c.

970. FORGET-ME-NOT. H. A. (*Myosotis*.) One of the best spring flowers and a great favorite. A sea of blue. The national flower of Belgium. Pkt., 7c.

975. FOUR O'CLOCK. H. A. (Marvel of Peru.) Mixed. Handsome, free-flowering, many colored blossoms. A good, old-fashioned flower of hardy habit, very charming as a hedge plant. Pkt., 5c.

987. GERANIUMS. T. P. Mixed. Blooming plants can be grown from seed the first year. Pkt., 15c.

GERANIUM PLANTS. See page 82.

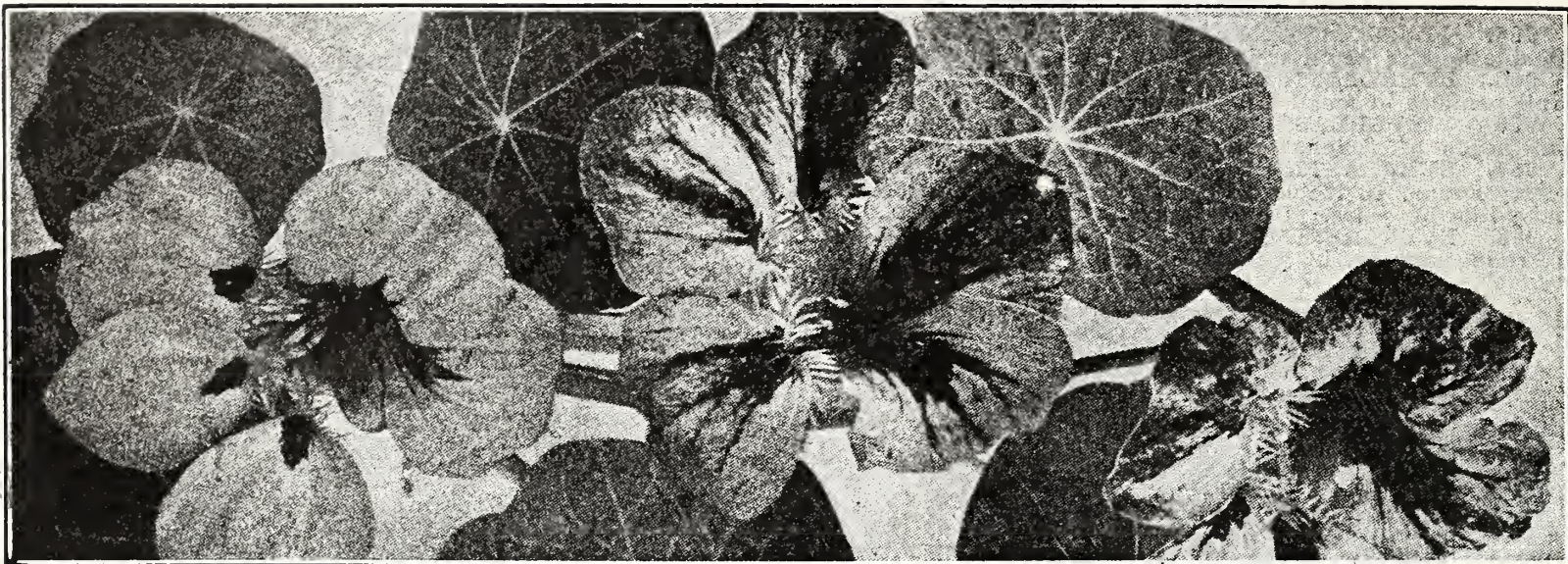
995. GOURDS. T. A. Mixed. Ornamental. Quickly makes a dense growth of vines. Pkt., 5c.

990. GODETIA. H. A. Best Mixed. A very pretty annual which should be grown more extensively. Attains a height of about 1½ feet. The flowers have a satiny texture and appear in many beautiful colors. A profuse bloomer. Does well in poor soils. Pkt., 5c.

969. EUPHORBIA. H. A. (Snow on the Mountain.) A very distinct plant. Grows 2 feet high; very showy with its foliage edged white and green. Is splendid for bouquets. Pkt., 5c.

1000. HELIOTROPE. H. H. P. Choice Mixed. Flowers from seed the first year. Delicate blue and white flowers continuously appearing. Loved most for its fragrance. Pkt., 10c.

OLDS' CHOICE FLOWER SEEDS



Olds' Tall Mixed Nasturtiums.

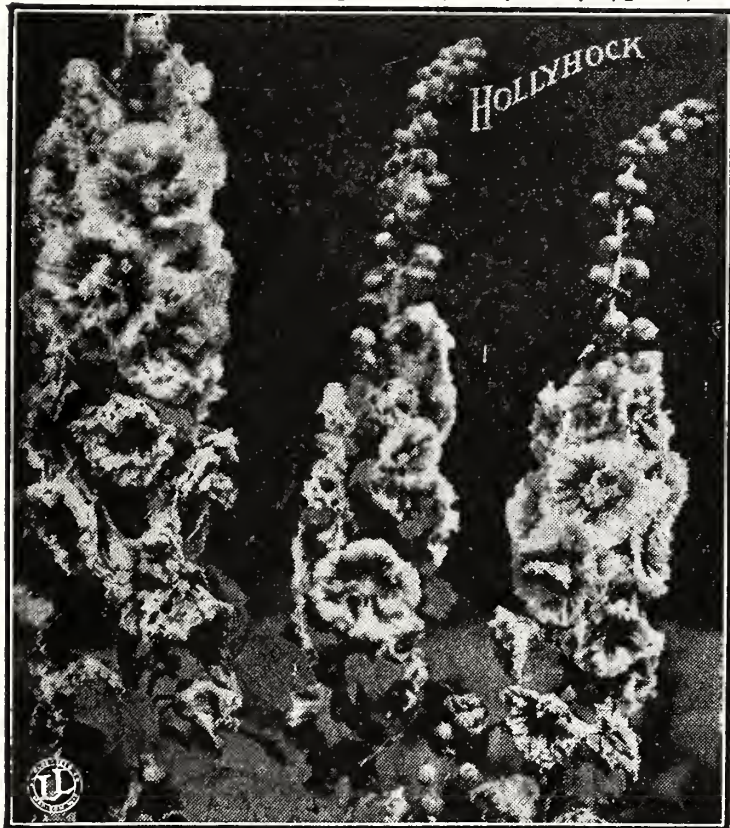
OLDS' NASTURTIIUMS



1060. ★**NASTURTIIUM**. Olds' Tall Mixed. H. A. No annual is more easily grown than the Nasturtium and nothing surpasses it in duration of bloom or in brightness of color. Olds' Tall Mixed Nasturtiums are the freest bloomers and produce the largest flowers. Keep picked and they will bloom better. Large pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25, postpaid.



1050. ★**NASTURTIIUM**. Olds' Dwarf Mixed. H. A. The Dwarf Nasturtiums are best adapted to sowing in beds or for borders. Olds' Dwarf Mixed comprise a wonderful assortment of rich and varied shades. Large pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



Double Mixed Hollyhock.

1005. ★**HOLLYHOCK**. H. P. Double Mixed. Stately stalks of velvet bloom. Giant flowers of red and pink and white. Sow in June for flowers next summer. Pkt., 10c.

1006. **HOLLYHOCK**. H. P. Olds' Exquisite. Our new variety of Hollyhock. See page 64. Pkt., 15c; 2 pkts., 25c.

1007. ★**HOLLYHOCK**. Annual Mixed. Tall spikes of satiny mallow flowers throughout the summer. Pkt., 5c.

1010. **HUMULUS**. H. A. Japonicus. (Japanese Hop.) A fine porch vine. Makes a rapid growth. Pkt., 10c.

1015. ★**LARKSPUR**. H. A. Fine Mixed. Tall old-fashioned spikes of blue. Pkt., 10c.

1016. ★**LARKSPUR**. H. A. LaFrance. Salmon-pink shade of the stock flowering type. See page 63. Pkt., 15c.

1018. **LARKSPUR**. H. A. Olds' Los Angeles. New rosy scarlet, double stock-flowered Larkspur. See page 64. Pkt., 20c.

1017. **DELPHINIUM**. H. P. Belladonna. Spires of finest hue. This hybrid strain is of wonderful beauty; growing up to six feet in height. Pkt., 10c.

1019. ★**DELPHINIUM**. H. P. Hollyhock Strain Mixed. Our new variety of Delphinium. Described on page 63. Pkt., 25c.

DELPHINIUM PLANTS. See page 80.

1025. **LOBELIA**. H. A. Mixed Dwarf. Compact, bushy little plants about 6 inches high and covered with little, bright blue flowers. Pkt., 10c.

1020. **PERENNIAL SWEET PEA**. H. P. Similar to the annual kind but continuing year after year. Pkt., 15c.

1040. **MOONFLOWER**. H. A. Mixed. A fine, ivy-leaved climber, covered every evening and cloudy day with large, fragrant flowers. Pkt., 10c.

1035. **MIGNONETTE**. H. A. Mixed. Of dwarf, pyramidal form; numerous branches; very fragrant. Fine for combining in bouquets. Pkt., 7c.

1045. **MORNING GLORY**. H. A. Imperial Japanese. A wonderful array of color—pure white through all shades of blue and red to the darkest purple. Pkt., 10c; oz., 30c.

1047. **MORNING GLORY**. H. A. Tall Mixed. The beautiful, old-fashioned, common Morning Glory. Pkt., 5c; oz., 20c.

OLDS' MARIGOLDS

1030. ★**MARIGOLD**. H. A. Mixed French. The favorite, dwarf, highly-colored variety. Pkt., 10c.

1030½. **MARIGOLD**. H. A. Tall Double French Mixed. Much taller than the French Dwarf mixed. Grows to a height of about 30 inches. Colors, yellow, cream, orange and rusty brown. Pkt., 10c.

1031. **MARIGOLD**. H. A. Lemon Queen. Large, double-quilled African Marigolds. Very showy. Pkt., 10c.

1031½. **MARIGOLD**. H. A. African Mixed. An exceptionally fine, tall branching strain bearing enormous flowers of the quilled type. Pkt., 10c.

1032. **MARIGOLD**. H. A. Signata Pumila. (Border Marigold.) A miniature marigold, 6 to 8 inches high, completely covered with bright orange flowers. Very striking for edgings. Pkt., 10c.

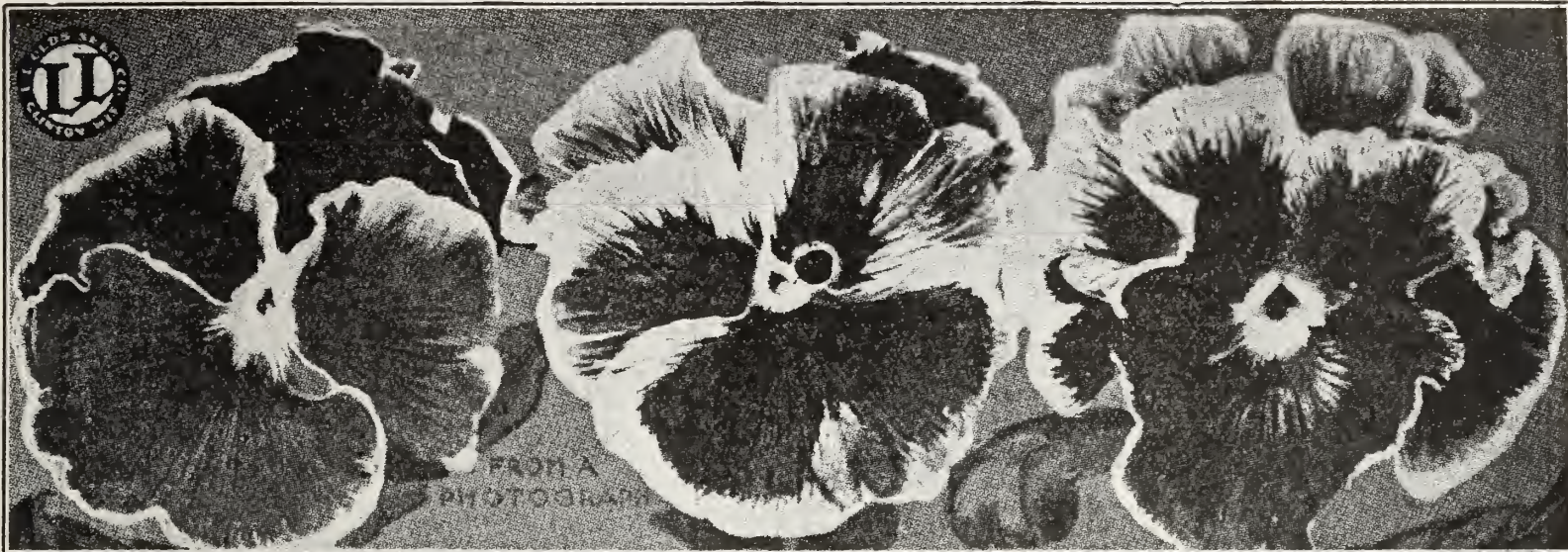


1110. ★**PHLOX**. H. A. Olds' Finest Mixed. A splendid mixture of pleasing colors and varieties. Pkt., 10c.

1114. **PHLOX**. H. A. Starred and Fringed. Pretty star-like flowers of many colors, some fringed. Pkt., 10c.

PHLOX ROOTS. See page 78.

OLDS' CHOICE FLOWER SEEDS



Olds' Giant Prize Mixed Pansies.

OLDS' PANSIES

1075. Olds' Giant Prize Mixed. P. The largest, richest, best-formed flowers of any Pansy we have ever seen, ranging in color from pure white through bronzes, browns, yellows and blues to the deepest purple-black. Pkt., 25c; ¼ oz., \$2.00; ½ oz., \$3.50; 1 oz., \$6.00.

PANSY PLANTS. 50c per doz., postpaid.

1079. ★Giant Trimardeau Mixed. P. An extraordinary strain of Pansy. Very large flowers. Pkt., 10c; 2 pkts., 15c; ¼ oz., 80c; ½ oz., \$1.50; 1 oz., \$2.75.

1083. March-Flowering. P. These pansies are very desirable, owing to the extreme hardiness of the plants and their early-flowering habit. Pkt., 15c; 2 pkts., 25c.



OLDS' PETUNIAS

1100. ★Olds' Finest Mixed. H. A. This splendid mixture excels in richness of color and large size. Pkt., 20c; 2 pkts., 35c.

1102. Choice Mixed. H. A. Will produce an abundance of small, bright flowers. Pkt., 10c.

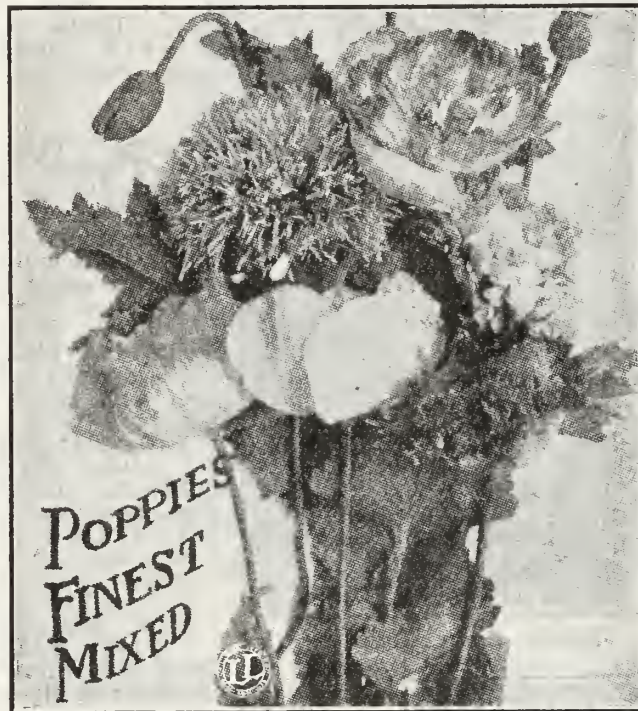
1103. ★Rosy Morn. H. A. Compact plants bearing a profusion of beautiful flowers 1½ inches in diameter, with throats of silvery-white, the rest heavily flushed with soft rosy pink. Pkt., 10c; ¼ oz., \$1.00.

ROSY MORN PETUNIA PLANTS. Doz., 40c; 50 for \$1.25, postpaid.

1108. Olds' Carnation Flowered. H. A. Resembles a double carnation. The flowers are light rose. Will bloom 15 to 20 per cent double from seed. Pkt., 25c.

1109. Double Mixed. H. A. A splendid mixture of beautiful large-flowering, fringed and waved Petunias. Will produce 20 to 30 per cent double flowers. Pkt., 25c; 2 pkts., 40c.

1104. ★Olds' Star of California. H. A. Balcony type. Our new variety of Petunia described fully on page 63. The finest Petunia to use in porch boxes. Pkt., 25c; 2 pkts., 40c.



OLDS' POPPIES

1120. Olds' Finest Mixed. H. A. A fine blend of many handsome shapes and sizes; many are double and shaped like a ball, in white, pink and red; massive Carnation Poppies and dainty Shirleys. A splendid mixture. Pkt., 7c.

1121. Improved Carnation. H. A. Splendid large double flowers of many shades. Pkt., 10c; 2 pkts., 15c.

1122. Reselected Shirley. H. A. Silk or Ghost Poppies. Beautiful satiny flowers. Pkt., 10c; 2 pkts., 15c.

1127. Flanders. H. A. Vivid scarlet-red. The first official flower of the American Legion. Very much in demand because of the associations. Pkt., 10c; 2 pkts., 15c.

1128. Iceland Mixed. H. P. Hardy perennials blooming the first season. Bright, fern-like, evergreen foliage. Pkt., 10c; 2 pkts., 15c.

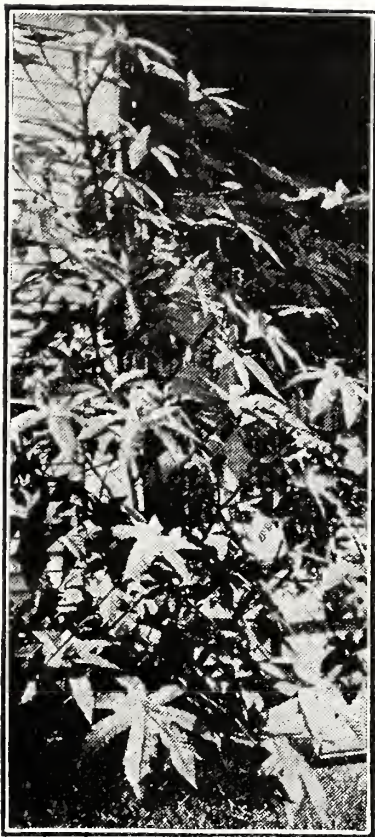
1128½. Red Oriental. H. P. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. Pkt., 10c; 2 pkts., 15c.

ORIENTAL POPPY PLANTS. See page 79.

1130. PORTULACA. H. A. Double Mixed. (Rose Moss.) Small fleshy plants, producing a carpet of bloom, even in dry weather. Pkt., 10c; ¼ oz., \$2.00; ½ oz., \$3.50; 1 oz., \$6.00.

1131. ★PORTULACA. H. A. Single Mixed. Even more beautiful than the double. Pkt., 10c; ½ oz., 90c; 1 oz., \$1.50.

OLDS' CHOICE FLOWER SEEDS



Castor Oil Bean.

39. **SCARLET RUNNER BEAN.** T. A. A vigorous climber producing bright, scarlet flowers. Beans are eatable. Pkt., 5c.

1165. **SMILAX.** T. P. Delicate climber of glossiest green; used in hanging baskets and in bouquets. Pkt., 5c.

1180. **SUNFLOWER.** H. A. **Chrysanthemum-Flowered.** Bright yellow, double flowers, resembling chrysanthemums. Pkt., 5c.

1185. **SUNFLOWER.** H. A. **Mammoth Russian.** Immense plants 12 feet high with single blossoms from 6 to 15 inches across. Pkt., 5c.

1140. **RICINUS.** H. A. (Castor Bean.) Stately ornamental plants with picturesque foliage, giving a tropical effect. Pkt., 10c; ½ oz., 15c; oz., 25c.

1142. **ROSA MULTIFLORA.** P. Dwarf roses from seed. Little bushes covered with miniature fairy roses. Pkt., 10c.



1160. **SCHIZANTHUS.** H. A. (Butterfly Flower.) One of the daintiest of annuals and easily grown. Quickly grows into a bushy plant so completely covered with many colored flowers that the foliage is almost concealed. Pkt., 10c; 2 pkts., 15c.



Salvia, Bright Red.



1156. **SCABIOSA.** H. P. Olds' Caucasica Hybrids. (Isaac House Strain.) This new perennial Scabiosa is truly magnificent. We predict when it becomes known it will be very popular indeed. Colors range from white to the darkest blue. See page 64. Pkt., 20c.

1155. **SCABIOSA.** H. A. **Double Mixed.** (Mourning Bride.) Sometimes called Pincushion. A variety of soft colors and shades. Easy to grow. Makes beautiful bouquets. Pkt., 10c; 2 pkts., 15c.

1300. **SWEET WILLIAM.** H. P. **Mixed.** (Dianthus Barbatas.) The plants grow 18 to 24 inches high. They make excellent border plants and are fine also for bouquets. Like annual pinks, loved for its brilliant and enduring flowers. Pkt., 10c; 2 pkts., 15c.

1150. **SALVIA.** H. A. **Splendens.** One of the finest of bedding plants. The plants are loaded with bright red blooms from midsummer until killed by the frost. An elegant plant to use for a hedge. Pkt., 10c; 2 pkts., 15c.

1315. **WALLFLOWER.** H. H. P. **Mixed.** Half hardy perennials, bearing spikes of deliciously fragrant spring flowers. The rich red and yellow coloring of the flowers is very effective. They are easily grown and last well as cut flowers. Pkt., 10c.

1145. **SALPIGLOSSIS.** H. A. (Painted Tongue.) A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Pkt., 10c.

OLDS' SNAPDRAGONS

840. **SNAPDRAGON.** H. A. (Antirrhinum). **Dwarf Mixed.** Snapdragons were a feature of the old-fashioned garden. Then for a time they were neglected, until when the improved new varieties appeared, they suddenly became popular again. The brilliant blooms remain through the summer and fall. Pkt., 10c.

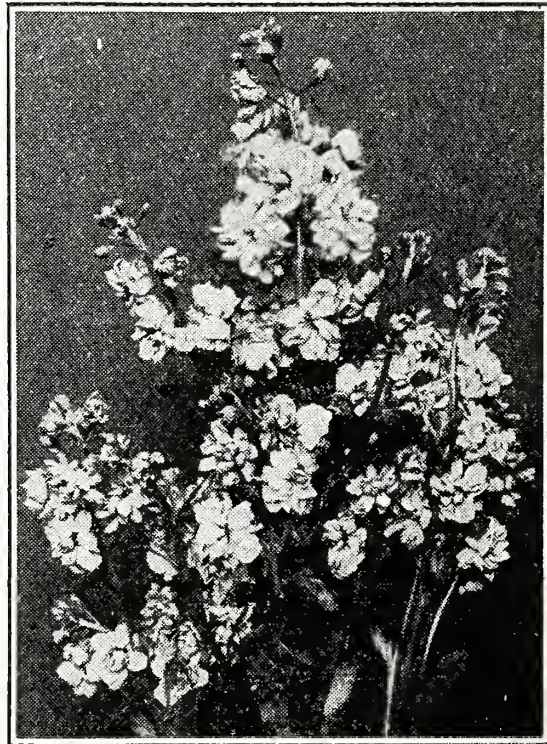
841. **SNAPDRAGON.** H. A. (Antirrhinum). **Giant Fragrant.** Grows 3 feet tall with long stalks of large flowers, two to three inches across. Pkt., 7c.

843. **SNAPDRAGON.** H. A. (Antirrhinum). **Pink Beauty.** A beautiful rose pink variety. Pkt., 10c.

SNAPDRAGON PLANTS: Dwarf Mixed. Doz., 40c; 50, \$1.25, postpaid.



Snapdragon.



Olds' Large Flowering

Mixed Stocks.

1172. **STOCKS, TEN WEEKS.** Olds' **Large Flowering Mixed.** The flowers appear on long stiff stalks like small rosettes. They are exceedingly fragrant and range through all shades of the most delicate colors. Pkt., 10c; 2 pkts., 15c.

1306. **OLDS' VERBENA.** H. A. **Golden Queen.** A valuable addition to the Verbena list. Very beautiful and a wonderful bedding plant. Described on page 64. Pkt., 20c.

1305. **★VERBENA.** H. A. **Olds' Finest Mixed.** A favorite old flower, one of the most popular garden annuals. Clusters of many bright colors are borne in constant succession from June until frost. We offer a very choice mixture. Pkt., 10c.

"I have grown your flower seeds in central Canada and they were exquisite."
Mabel Oplinger, Iowa.

OLDS' CHOICE FLOWER SEEDS



OLDS' SWEET PEAS

1200. ★Olds' Prize Mixed. We believe this is the best possible mixture of the old-fashioned or grandiflora sweet peas. Many named varieties of fine colors. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

1201. Sunrise Mixed. Early-flowering Spencers only. Spencers surpass all other sweet peas—long stems, three to five blossoms on a stem; flowers large, frilled and fragrant. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

1203. ★Olds' Mixed Giant Spencers. A careful and well-balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 7c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

OLDS' NEW SPENCER SWEET PEAS.

1211. Austin Frederick Improved. The best new lavender. Pkt., 7c; oz., 20c.

1212. Constance Hinton. The best white sweet pea. Pkt., 10c; oz., 25c.

1213. Defiance. A fine orange scarlet variety. Pkt., 10c; oz., 30c.

1214. Heavenly Blue. A most beautiful soft tone of delphinium blue. Flowers of immense size, four to a stem. Pkt., 15c; oz., 40c.

1215. Mary Pickford. A famous choice new sweet pea that has already created quite a sensation. The color is a dainty cream-pink lightly suffused with salmon. Most charming. Pkt., 10c; oz., 25c.

1216. Matchless. Cream yellow. Large flowers, very attractive. Pkt., 7c; oz., 20c.

1217. Miss California. Another splendid new variety. Orange salmon with cream pink. Pkt., 10c; oz., 30c.

1218. Royal Purple. Large, wavy flowers of a rich royal purple. The best purple. Pkt., 7c; oz., 20c.

1219. Warrior. Rich chocolate maroon. Pkt., 7c; oz., 20c.

1220. Youth. White, edged in a beautiful way with a delicate soft rose pink. An unusually large and fragrant sweet pea. Pkt., 7c; oz., 20c.

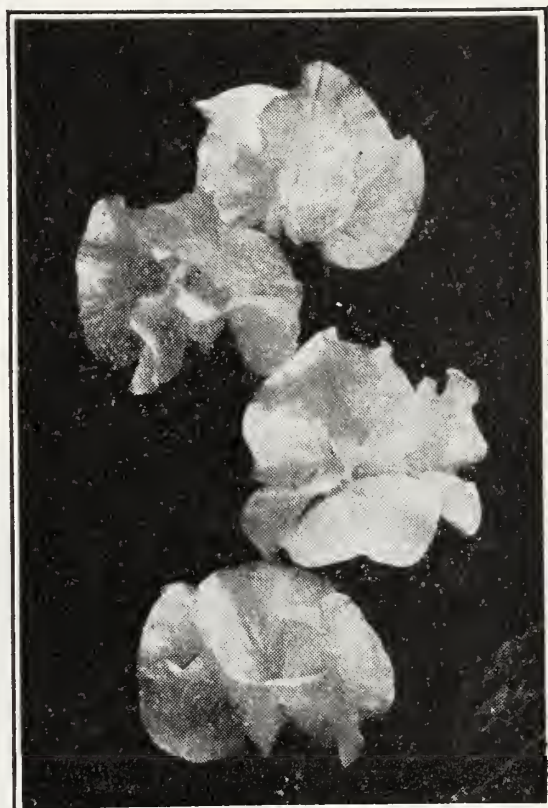
1237. ★Fiery Cross. Glittering orange scarlet. Wonderfully striking and beautiful. Pkt., 10c; oz., 30c.

1235. Royal Scots. The best fiery red Spencer type Sweet Pea. Pkt., 7c; oz., 20c.

OLDS' NEW SPENCER DUPLEX SWEET PEAS

1250. Kitty Pierce. A soft light Lilac Duplex Sweet Pea. Fine for exhibition purposes. See page 63. Pkt., 15c.

1251. Winnie Morse. One of the finest Sweet Peas. Flowers are cream and pink and mostly duplex. See page 63. Pkt., 15c.



Duplex Sweet Pea, Winnie Morse.

OLDS' ZINNIAS

Zinnias are the most popular annual flower grown today. They have no enemies, insect or fungus and will succeed on any type of soil regardless of weather conditions. If you have room for only one flower in your garden the Zinnia is the one to use.

We list three distinct types of Zinnias—the Dahlia Flowered, California Giant and the Liliput. The Liliput is mostly grown for bedding purposes and the Giant and Dahlia Flowered for cutting and exhibition purposes. Their flowers are often 6 to 8 inches across.



1330. Liliput Mixed. H. A. A dwarf strain of Zinnias with small ball shaped blooms. Our new variety of Zinnia is described fully on page 64. Pkt., 15c; 2 pkts., 25c.



1336. Olds' Gold Medal Dahlia Flowered, Mixed. H. A. A new type of Zinnias characterized by large size, fullness of petal, extraordinary color range and good keeping quality. Resembling dahlias in size and appearance. Pkt., 10c; 2 pkts., 15c; ½ oz., 80c.

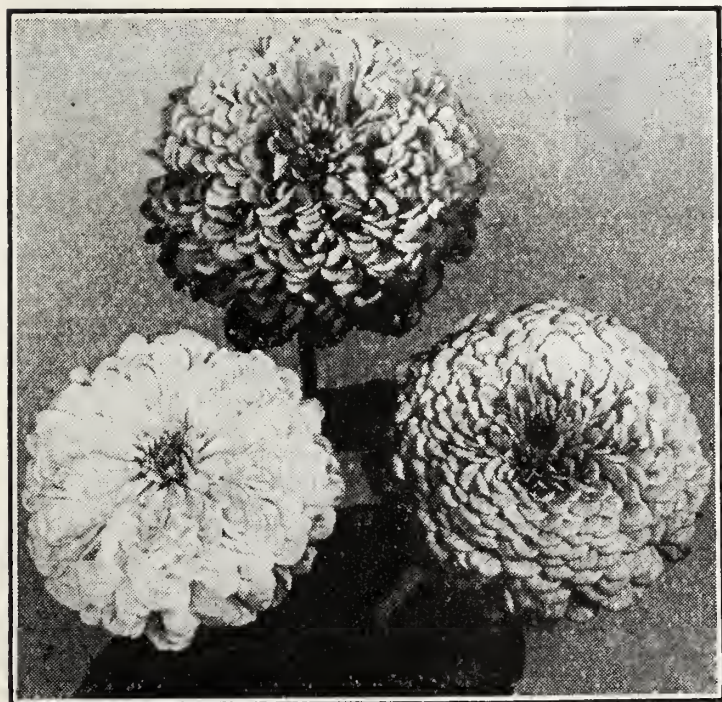


1331. Olds' Crimson Monach. (Dahlia flowered). H. A. The best large, deep red Dahlia-flowered Zinnia. Very popular. See page 63 for complete description. Pkt., 15c; 2 pkts., 25c.

1335. Giant Flowered Mixed. H. A. A mixture of named California Giant Zinnias, all large, strong-growing and of brilliant color. These grow 3 feet tall, with flowers of enormous size. Healthy, vigorous, showy, easily grown. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c.

1329. Fire King. H. A. A magnificent variety with deep scarlet flowers. Pkt., 10c; 2 pkts., 15c.

Zinnia Plants, Dahlia Flowered, 50c doz.; 50 for \$1.25.



Olds' Gold Medal Dahlia Flowered Zinnias.

OLDS' BEAUTIFUL GLADIOLI

Olds' Gladiolus Bulbs are all first size, high crowned bulbs and are of exceptionally fine quality. They are grown for us by Mr. George C. Morris, a prominent Wisconsin Gladiolus grower. Last year Mr. Morris won the Gold Achievement Medal of the American Gladiolus Society in the Wisconsin Gladiolus Show, the Silver Medal in the second division of the American Gladiolus Society as well as the Bronze Medal and fifteen first prizes. He has also received 130 ribbon prizes in the last four years.

If you are in the market for large quantities of gladiolus bulbs write us your requirements as we will be glad to quote you special prices.

AMERICAN BEAUTY. (Diener.) Brilliant American Beauty color, throat yellow, striped with ruby. The spikes bear a large number of flowers at one time, which are set close together forming an immense and magnificent bouquet. Flowers are very large, often measuring 5 inches across. We consider this one of the best of the new varieties. Bulbs, each, 15c; 3 for 35c; 6 for 60c, postpaid.

AMERICA. One of the best. It makes a strong, healthy plant with three-foot erect flower spikes bearing many fine spreading blossoms all facing one way. The color is an exquisite soft lavender pink. We sell more America than any other gladiolus on our list. Bulbs, each, 5c; 6 for 25c; 12 for 45c; 25 for 80c; 100 for \$3.00, postpaid.

ANNA EBERIUS. A dark velvety purple, shading to a darker throat. A wonderful spike of close set flowers, which are large and open, forming an immense bouquet. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c; 25 for \$2.50, postpaid.

CAPTAIN BOYNTON. The finest lavender in existence with darker colored spots on the lower petals. Flowers are large and well placed on the stems. Each, 15c; 3 for 35c; 6 for 60c, postpaid.



Crimson Glow Gladiolus.

CRIMSON GLOW. The name is the best description of its color. It has straight spikes of many flowers, which open 4 or 5 at once. This habit makes it a wonder variety for cut flowers. We consider this the best red variety. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c, postpaid.

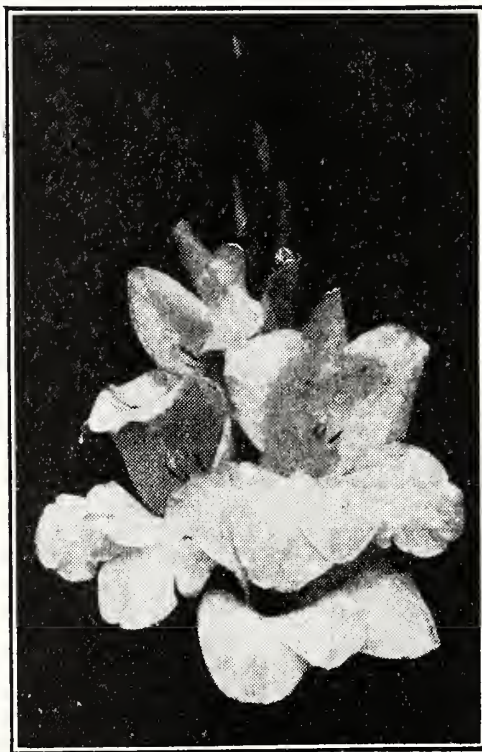
GIANT NYMPH. A La France pink with a creamy yellow throat. The spikes are long with large, wide open flowers, well arranged on the stems. Each, 15c; 3 for 35c; 6 for 60c, postpaid.

GOLDEN DREAM. Very beautiful; absolutely clear deep yet soft yellow that is distinctive from any other. A tall, straight, strong growing plant with several good-sized blooms open at a time. Prize winner wherever shown. Each, 35c; 3 for 90c; 6 for \$1.50, postpaid.

GOLDEN MEASURE. Very large, dark golden yellow. One of the very best yellow Gladioli. Each, 15c; 3 for 35c; 6 for 65c, postpaid.

HALLEY. Salmon-pink with carmine-marked yellow throat; 4½-inch blooms. Very early. Each, 7c; 3 for 18c; 6 for 30c; 12 for 50c; 25 for 95c, postpaid.

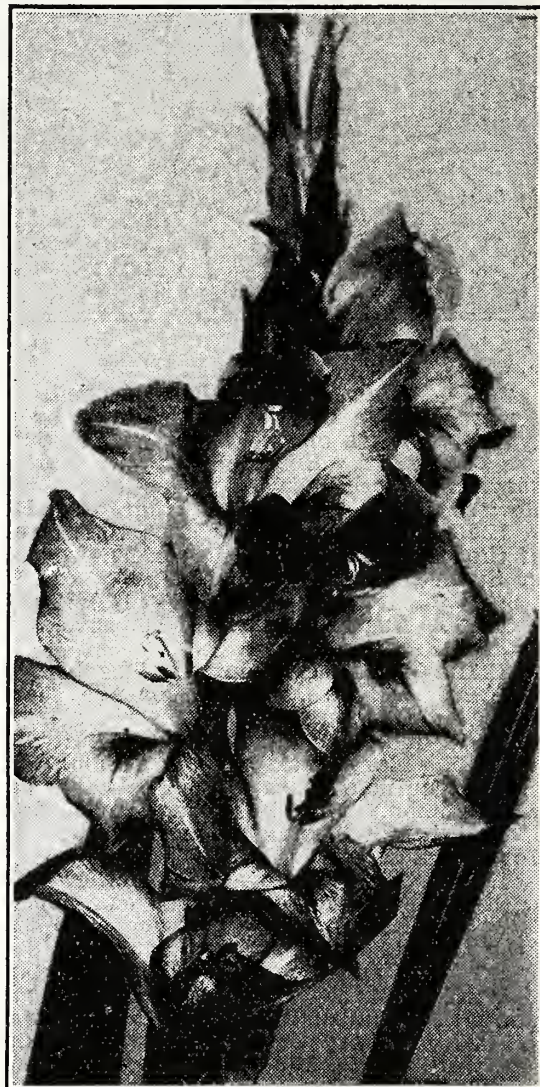
MRS. F. C. HORNBERGER. Large white with no markings. Several flowers open at one time. A choice exhibition variety. Each, 40c; 3 for \$1.05; 6 for \$2.00, postpaid.



Gladiolus, Schwaben.

SCHWABEN. The largest-flowered yellow gladiolus. It opens as a pure canary yellow shading to sulphur. The throat, of brightest gold color, is marked with a small, deeply set spot of brownish maroon. Schwaben is a sturdy vigorous grower and the luxuriant dark green foliage together with the rare color of the flowers makes it most effective for either bedding or cutting. Each, 7c; 6 for 35c; 12 for 60c; 100 for \$4.00, postpaid.

JACK LONDON. Light salmon with vermillion stripes. Canary yellow throat with ruby stripes. Just about perfect in every way; a grand flower. Each, 15c; 3 for 35c; 6 for 60c, postpaid.



Eugene Le Febvre.

EUGENE LE FEBVRE. A wonderful large French Gladiolus. Deep pink with throat dotted purplish-amaranth and cream. A most beautiful variety. Each, 20c; 3 for 50c; 6 for 90c, postpaid.

LOUISE. Here is a real beauty. Fine bright bluish lavender with a wine-colored blotch on lower petals. A sturdy grower with magnificent wide open flowers. Each, 15c; 3 for 35c; 6 for 60c, postpaid.

LE MARECHAL FOCH. Rose pink, a deeper and richer color than America. A heavy grower and a large flowered variety; a fine cut flower, and the best deep-pink. Blooms very early. Each, 5c; 3 for 12c; 6 for 22c; 12 for 40c; 25 for 75c, postpaid.

HINTS TO GLADIOLUS GROWERS.

Gladiolus bulbs must have food in order to produce healthy blooms. Too much nitrogen in the soil will produce an excessive leaf and stem growth and the flowers will be inferior in size and beauty. To offset this condition it is necessary to use a plant food containing a relatively high percentage of potash. Vigoro contains just the right amount of potash for Gladioli and we recommend using this fertilizer. See page 92.

OLDS' BEAUTIFUL GLADIOLI



E. J. Shaylor Gladiolus.

E. J. SHAYLOR. Deep rose-pink to rose color. Outer edges and buds show a distinct rose color with throat of lower petals delicately penciled rose-red. This is undoubtedly one of the best Gladioli ever introduced. It is very popular as a cut flower, is a good propagator and a vigorous grower; fine form and very pleasing in color. Each, 10c; 3 for 25c; 6 for 40c, postpaid.

SPLENDORRA. Splendid very dark wine-black. A fine, rich distinct sort. Each, 15c; 3 for 35c; 6 for 60c, postpaid.

ROSE ASH. Peculiar soft old rose tones fading to ashes of roses on the outer edges of petals; lower petals light yellow speckled with ruby; finely fluted and ruffled. Wonderful in form and color.

Flowers 5 inches in diameter, very strong spikes 5 to 6 feet high; flowers well set on tall, straight spikes. A magnetic flower that always attracts the eye. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c, postpaid.

MRS. F. C. PETERS. The best lavender. A beautiful shade of rose-lilac with soft crimson blotch; slightly ruffled with many open at one time; tall, vigorous and very fine. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c, postpaid.

MRS. FRANCIS KING. A distinctive shade of flame pink especially beautiful under artificial light. Next to America, the leading decorative variety in the florist trade. Each, 7c; 6 for 30c; 12 for 50c; 25 for 85c; 100 for \$3.00, postpaid.

MRS. LEON DOUGLAS. Begonia rose, delicately striped flame and scarlet, lip pale lemon speckled with ruby. Tremendously large flowers, many open at a time. Very tall, often growing 5 to 6 feet high. Considered the largest Gladiolus in existence and wonderfully beautiful. Each, 15c; 3 for 35c; 6 for 60c, postpaid.

MRS. FRANK PENDLETON. One of the most exquisitely-colored kinds on our entire list. Very large flowers of delicate pink contrasting finely with the great splash of vivid scarlet on the lower petals. Each, 10c; 3 for 25c; 6 for 40c; 12 for 70c, postpaid.

NIAGARA. A wonderfully beautiful Gladiolus. The flowers are a delightful shade of cream with the two lower petals shading to canary yellow. The throat and petal edges are attractively splashed carmine rose. Each, 8c; 6 for 40c; 12 for 75c; 25 for \$1.25, postpaid.

PRINCE OF WALES. Large well-opened flowers of clearest salmon but with old-ivory throat, delicately flushed with salmon-rose. The stalks take up water well, the buds unfold to the very tips and many are open at one time.

In season it is very early, blooming with Panama and Halley. We cannot speak too highly of this fine new Gladiolus. Each, 8c; 3 for 20c; 6 for 37c; 12 for 65c, postpaid.

PURPLE GLORY. This is not a true purple color as the name implies, but a rich, velvety maroon, exceedingly ruffled. It is perhaps the most beautiful dark variety of Gladiolus in culture today. Each, 20c; 3 for 50c; 6 for 90c, postpaid.



MRS. FRANK PENDLETON

W. H. PHIPPS. Each spike a bouquet. La France pink, overlaid with light rose salmon, lighter toward center. Lower petals are very faintly striped and speckled with ruby. Flowers enormous; a masterpiece in Gladioli. Each, 20c; 3 for 50c; 6 for 85c, postpaid.

WAR. Giant blood-red, shading to crimson black in throat, but without other markings. Each, 10c; 3 for 28c; 6 for 50c; 12 for 95c; 25 for \$1.75, postpaid.



Olds' Special Superb Gladiolus Mixture.

OLDS' SUPERB MIXTURE. The Gladioli in this mixture are of many colors, including most of our named varieties together with many new seedlings. Our bulbs are all of number one size, measuring 1½ inches or over in diameter. For the market gardener or commercial flower grower this is a very fine assortment to use as the price of the bulbs is exceptionally low and the cut flowers can be sold for just as much as those of the named varieties.

A planting of Olds' Superb Mixture will make a wonderfully showy display in the garden. 6 for 25c; 12 for 40c; 25 for 75c; 100 for \$2.00, postpaid.—Not postpaid, \$12.00 per 1,000. (500 at the 1,000 rate.)

OLDS' BARGAIN COLLECTION OF GLADIOLI. 6 BULBS FOR 38 CENTS, POSTPAID.

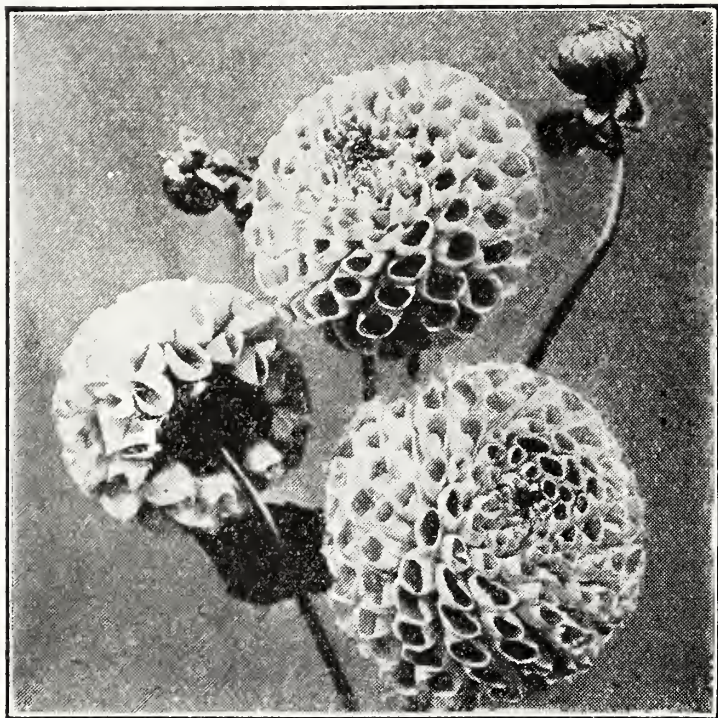
We offer one bulb each of the following Gladioli, each bulb wrapped and labeled, for 38c, postpaid. An exceptional bargain offer.

AMERICA. Soft pink.	ANNA EBERIUS. Purple.
LE MARECHAL FOCH. Rose pink.	ROSE ASH. A smoky rose.
SCHWABEN. Canary yellow.	WAR. Blood red.

See descriptions on this and preceding page.

OLDS' SUPERB DAHLIAS

PINK SHADES OF DAHLIAS.



A. D. Livoni.

A. D. LIVONI. (Show Type.) Although new varieties are being introduced each year Livoni is one of the old time-tried varieties that stays. The perfect flowers with quilled petals, which nearly overlap at the ends, have made this variety a great favorite. The color is rose-pink. Bulbs, each, 30c; 3 for 75c; 6 for \$1.30, postpaid.

JERSEY BEAUTY. (Decorative.) One of the finest Dahlias that we know of. A beautiful shade of pink that can hardly be described in words. The flowers are large and carried high above the foliage on long wiry stems. A wonderful keeper and excellent for exhibition or commercial purposes. This variety has been awarded so many prizes and medals that it is almost impossible to enumerate them. Each, 60c; 3 for \$1.40; 6 for \$2.50.



Sylvia.

SYLVIA. (Show Type.) The most satisfactory flower for cutting. Very pretty, soft shell-pink with full white center. An early and profuse bloomer. Each, 20c; 3 for 50c; 6 for 85c, postpaid.

JUDGE MAREAN. (Decorative.) This giant is produced on long, heavy stems. The plant is vigorous and free blooming. The flowers are full and massive and the petals heavy. A glowing salmon pink, with tints of orange and gold. Each, 70c; 3 for \$1.80, postpaid.

OLDS' FINEST MIXED DAHLIAS. A mixture of choice named varieties showing every shape, size and color to be found in dahlias. 3 for 35c; 6 for 55c; 12 for 95c; 50 for \$3.50, postpaid.



RED SHADES OF DAHLIAS.



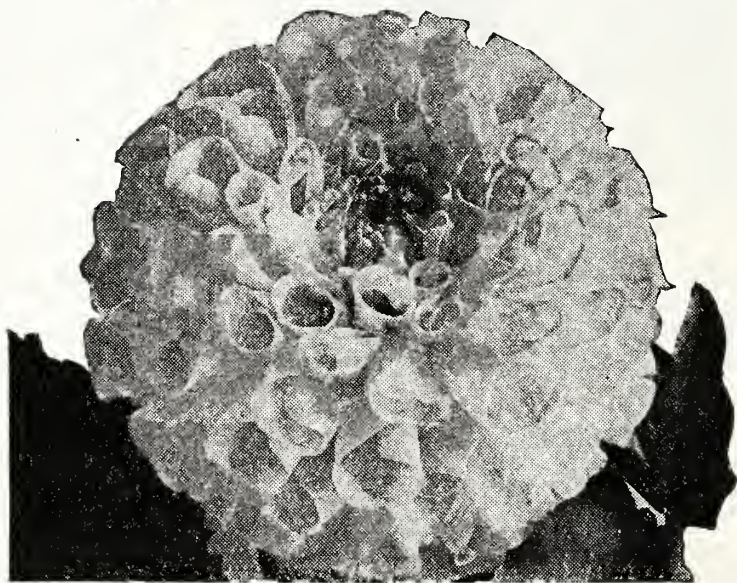
Mina Burgle.

MINA BURGLE. (Decorative Type). Beautiful deep glowing red, and the finest crimson variety in existence. Good for cut flowers, having long stems. An extra free-flowering sort. Bulbs, each, 25c; 3 for 60c; 6 for \$1.00.

SOUVENIR DE GUSTAVE DOAZON. (Decorative Type). Orange red. The largest dahlia in existence. The color is a pleasing shade of orange-red. Flowers are full to the center and often measure 9 inches and over in diameter; they can be forced to measure over 12 inches. Very long stems of pleasing, stiff, upright type. Should be in every garden. Each, 20c; 3 for 50c; 6 for 85c, postpaid.

J. H. JACKSON. (Cactus Type). An exceptionally satisfactory dahlia, fine for massing or for cut flowers. Gigantic blooms of the straight petalled type. Velvety maroon black. Each, 35c; 3 for 80c; 6 for \$1.50, postpaid.

YELLOW SHADES OF DAHLIAS.



Princess Victoria. (Show Variety.)

PRINCESS VICTORIA. (Show Type.) Bright canary-yellow show dahlia and one of the most free flowering. Regularly quilled blooms. Each, 35c; 3 for 80c; 6 for \$1.50.

BRONZE BEAUTY. (Show Type.) Medium to large, of a beautiful golden-orange, spotted with bronze. A wonderful show dahlia. Each, 25c; 3 for 65c; 6 for \$1.25, postpaid.

ARABELLA. (Show Type.) A beautiful pale lemon, shading to primrose at the tips. The whole is daintily overlaid with pink. Each, 20c; 3 for 60c; 6 for 85c.

WHITE DAHLIAS.

MADONNA. (Decorative Type.) A perfect wonder. The flowers are borne in profusion upon long graceful stems of wiry stiffness making it one of the most desirable. A very beautiful white. Each, 35c; 3 for 80c; 6 for \$1.50, postpaid.

MAUD ADAMS. (Show.) White, overlaid with clear, delicate pink. Blooming so profusely that the plants are a veritable bank of flowers. The best white of the show dahlia class and the best for cut flowers on account of its long stems. Each, 30c; 3 for 75c; 6 for \$1.30, postpaid.

OLDS' PEONIES

Peonies and Iris usually do best when planted in the fall but if planted early in the spring, before April 15th, they will succeed nicely. Send your order early so that we can ship the plants just as soon as the weather permits. All orders received after April 15th will be held for fall shipment.

In Japan they call the peony the "King of Flowers" and its splendid, massive and richly colored blossoms justify this title. As hardy as an oak, thriving equally well in sun or partial shade. Well worth growing for its wealth of ornamental foliage alone. The roots we offer are large three to five eyed divisions and will usually bloom the following spring. Our prices are postpaid. Too deep planting often is the reason why peonies fail to bloom. The eyes should be two inches below the surface.

EARLY BLOOMING PEONIES.



Duchess De Nemours Peony. Crown type, pure white, with a sulphur white collar. An early variety. A very vigorous grower throwing clusters of fragrant bloom. One of the best whites. Each, 75c; 3 for \$1.90.

EDULIS SUPERBA. A bright mauve-pink and lilac. Crown type, with large tuft of wide petals surrounding a few narrow petals in the extreme center of the bloom. Fragrant, extra early and free blooming, with strong flower stems. Each, 75c; 3 for \$1.90, postpaid.

OFFICIALANALIS RUBRA OR MAY KING. (Early Double.) This is the old-fashioned red so much used for Decoration Day. The most brilliant of all red peonies. Very early and a splendid cut-flower. Each, \$1.25; 3 for \$2.80.

DUCHESS DE NEMOURS. Crown

LATE BLOOMING PEONIES.

MARIE LEMOINE. Compact round flower of rose type, very late. Color white, with cream white center. Each, 75c.

RUBRA SUPERBA. Large, compact; deep rosy crimson. One of the best late varieties of its color. Each, 75c, postpaid.

LIVINGSTON. Large rose type; pale lilac-rose, silver tipped with carmine spots, late, tall, compact, free bloomer, slightly fragrant. Each, \$1.50, postpaid.

MOTHER OF PEARL. Pale bluish-lavender, with a faint creamy undertone. The creamy undertone often assumes the luster and iridescence which we see in the beautiful lining of sea shells which produce mother of pearl. The plant is tall, a vigorous grower, and a profuse bloomer. Each, 40c; 3 for \$1.00, postpaid.

CAPRICE. Rosy-red shading to white at the center. Each, 25c; 3 for 65c.

MONSIGNOR. Rich satiny violet and purple crimson; large. Each, 30c; 3 for 80c.

MADAM CHEREAU. Pure-white flowers bordered and laced with brightest blue. Each, 25c; 3 for 70c.

LOHENGRIN. A rare and attractive shade of mauve pink, blending well with Madam Chereau when the two are cut together. Each, 25c; 3 for 65c, postpaid.

RHEIN NIXE. A charming Iris. Rich raspberry purple and white. Each, 25c; 3 for 65c, postpaid.

OLDS' SUNBEAM IRIS COLLECTION

Six Choice Iris Roots for \$1.15, postpaid. Olds' Sunbeam Iris Collection consists of one bulb each of the following varieties separately packed and labeled:

Mother of Pearl. Pale bluish lavender.
Madam Chereau. Pure white, laced with blue.
Lohengrin. Mauve pink.
Caprice. Rosy red.
Rhein Nixe. Raspberry purple and white.
Sherwin Wright. Golden yellow.

OLDS' MIXED IRIS

Iris roots usually sell at from 20 to 50 cents each. We offer Olds' Mixed Iris, first size and first quality as follows: 3 for 25c; 6 for 50c; 12 for 75c, postpaid.

MIDSEASON PEONIES.

M. JULES ELIE.

This is considered the most beautiful of all peonies. The flowers are of immense size, globular in shape. The color is a glistening lilac-pink, shading to rose at the base. The whole flower is overlaid with a sheen of silver, sparkling like dew. One of the best for cut-flowers; a good keeper. Each, \$1.25; 3 for \$3.25.

FELIX CROUSE.

Rich, even, ruby-red. One of the few red peonies showing no trace of purple or violet. Blooms in clusters. Probably the best red. Each, 85c; 3 for \$2.35.

FESTIVA MAXIMA. Big, globular

masses of pure white bloom, the inner petals slightly tinged with crimson. These handsome flowers are borne on tall, sturdy, branching plants of vigorous growth. Festiva Maxima is probably the most popular of all peonies and by many considered the most nearly perfect. Each, 75c; 3 for \$1.90.



Festiva Maxima Peony.

COLLECTIONS OF PEONIES.

One Each of the 3 Early Blooming Peonies, \$2.25, postpaid.
One Each of the 3 Midseason Peonies, \$2.50, postpaid.
One Each of the 3 Late Blooming Peonies, \$2.50, postpaid.
One Each of the Entire 9 Varieties, \$6.75, postpaid.

MIXED PEONIES. We offer a fine lot of mixed roots to those who wish to use the unnamed sorts in large quantities for landscape work. These produce just as nice blossoms as the named ones, but are not as valuable to the trade. 3 for 85c; 6 for \$1.60; 12 for \$3.00, postpaid.

OLDS' IRIS



Sherwin Wright Iris.

SHERWIN WRIGHT. A golden yellow Iris, without markings or shadings. Each, 20c; 3 for 45c, postpaid.

OLDS' CANNAS



Canna, The President.

Five GRAND CANNAS That Stand Above All Others.

THE PRESIDENT. Four feet. This immense new flaming scarlet has come into wider use more quickly than any other Canna. It is an offspring of the famous Firebird. The President leads the red varieties in the quality and also the quantity of its bloom. Flowers are 7 inches across; individual petals firm and long-standing; trusses standing up stiff on strong stems. The foliage is rich green and burn-proof in the hottest weather. Bulbs, 20c each; 12 for \$1.85, postpaid.

KING HUMBERT. Red. This remarkable Gold Medal Canna has been the sensation of the past ten years and is a great favorite today. It is a cross between the orchid-flowering and the French, or Crozy type, combining the large flowers of the one with the free-blooming character of the other, with handsome, broad, tropical foliage. Scarlet flowers; bronze leaves. Each, 20c; 12 for \$1.85, postpaid.

YELLOW KING HUMBERT. Four feet. An orchid-flowering sport of the well-known King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to 3½ inches in diameter. Flower a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than an objection. Each, 20c; 12 for \$1.90, postpaid.

MRS. ALFRED CONARD. One of the very best Cannas in commerce today. The large, exquisitely shaded salmon-pink flowers are produced in great abundance on robust, upright stalks. We consider this superior to all other pink Cannas. Four feet. Each, 25c; 12 for \$2.25, postpaid.

APRICOT. Four feet. The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. The chief characteristic of this flower is its marvelous durability, for it stands heavy rain and hot sun better than any other Canna we know of. We recommend it highly. Each, 25c; 12 for \$2.25.

One Bulb each of above Five Cannas for 90c, postpaid.
25 Bulbs, your choice of above Cannas, \$3.50, postpaid.

CINNAMON VINE.

A quick growing hardy climber, with glossy heart-shaped leaves and fragrant flowers. For best effect, plant in groups of three. Each, 15c; 3 for 30c; 12 for 90c; 25 for \$1.70.

TUDEROSE.

The sweetest scented flower that grows and altogether one of the most charming.

DWARF PEARL.

Large, double wax-like flowers of purest white; orange-blossom fragrance. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c, postpaid.

MEXICAN. Snow-white single flowers, delightfully fragrant. Begins to bloom much earlier than the Dwarf Pearl. Each, 10c; 3 for 25c; 6 for 40c; 12 for 75c, postpaid.

FALL BULBS

Tulips, Crocuses, Hyacinths and Narcissi should be planted in the fall. These are the first flowers to bloom in the spring, and should have a place in every flower garden. They offer a pleasing assortment of color and warmth when the rest of the landscape is bare. Our Fall Catalog will be ready about August 1st and will be sent free on request. Just note this on your order and a copy will be sent.



Dwarf Pearl Tuberose.

OLDS' HARDY PHLOX

MISS LINGARD.

White with faint lilac eye. Free-blooming May to October. Choice plants. Each, 30c; 3 for 80c.

R. P. STRUTHERS. A smooth blending of rosy-carmines with salmon. Darker eye. Fine large truss. Our best seller. Each, 25c; 3 for 60c.

SIEBOLD. Orange scarlet with red eye. Very fine. Each, 30c; 3 for 80c.

R H EINLANDER. A salmon pink with red eye. Each, 25c; 3 for 60c.

MRS. JENKINS. A pure white. Each, 25c; 3 for 60c.

BARON VON DEDEM. The best bright scarlet. Each, 25c; 3 for 60c.

BRIDESMAID. Tall white with crimson eye. Each, 25c; 3 for 60c.

UNIVERSITY OF WISCONSIN. Rosy magenta. A strong grower. Each, 35c; 3 for 85c.

WIDAR. Dark violet, tinted red with a white eye. A very beautiful and striking combination of colors. Each, 30c; 3 for 80c.

OLDS' PHLOX COLLECTION

One of each of the above nine varieties for \$2.00, postpaid.

MIXED PHLOX. An assortment of many good varieties in mixed colors. Specially fine for landscape or foundation plantings. 3 for 40c; 6 for 75c; 25 for \$2.75. (We handle Bone Meal Fertilizer. See page 92.)



Bridesmaid Phlox.

OLDS' HARDY FLOWERING PERENNIALS

Olds' Northern Grown Hardy Perennials are all two to three years old, field grown plants and should not be confused with the small one-year seedlings which are so often offered. Perennials should be used for permanent plantings in beds and borders. When once established they will produce an abundance of flowers for years to come with practically no attention. We have arranged our perennials in three groups, Early, Mid-Season and Late. When selecting plants be sure and include some from each of these groups so as to have a succession of flowers throughout the season. For foundation plantings and borders keep the tall growing varieties at the back.

We are quoting prices in groups of three as well as single plants. It really takes three plants of a kind to make a showing the first year.

OLDS' EARLY BLOOMING PERENNIALS

HARDY FERNS.

We offer five-year-old plants direct from the far North where they grow very large and withstand any temperature. Prices, all of the Hardy Ferns. Each, 25c; 3 for 65c; \$1.75 per dozen, postpaid.

FLOWERING FERN. This is clothed with loose wool, when unfolding its fronds. Usually grows four feet high or more; a beautiful cinnamon shade. This variety also does well in the open or dry, shady places.

OSTRICH PLUME or PALM OF THE NORTH. This is a fine variety. Grows faster than any other fern. It often has as many as fifteen fronds, and usually attains a height of four feet; beautiful cinnamon shade. This variety does well in the open or in dry, shady places.

LADY FERN. A large, handsome fern of the woods, presenting many varied forms. Smaller and of finer foliage than the Ostrich Plume.

BLEEDING HEART. Long drooping racemes of heart-shaped flowers. Each, 70c; 3 for \$2.00, postpaid.

HEUCHERA SANGUINEA. (Coral-bells). Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting. 12 to 18 inches. June to September. Flowers bright crimson; very free-flowering. Excellent for rock garden. Each, 70c; 3 for \$1.90.

LINUM. (Flax.) **Perenne Blue.** During the late spring and early summer a group of these will be a mass of blue in the morning, the flowers drooping about ten o'clock, revealing the beautiful foliage, to be followed by another mass of blue the next morning. For the border or rockery. Height, 2 feet. Each, 30c; 3 for 70c.

PYRETHRUM. (Persian Daisy.) The fernlike foliage is attractive and the flowers ranging from pure white through shades of pink are beautiful on the plant, also as cut flowers. 20 to 24 inches tall. Each, 30c; 3 for 70c, postpaid.

MERTENSIA. (Virginia Cowslip). One of the earliest of spring wild flowers. The bluish-green shoots and leaves are quickly followed by delicate pink buds and beautiful bell-shaped light blue flowers. Leaves disappear entirely for the rest of the year after flowering season, so it is well to plant it in connection with a bed of ferns. Each, 20c; 6 for \$1.00.

POPPY. (Red Oriental.) For a dazzling display of rich and brilliant coloring no other flower can equal the vivid orange scarlets of the Oriental Poppies. Easily established and perfectly hardy. 36 inches in height. Each, 30c; 3 for 75c.

POPPY. (Mrs. Perry.) Like the red poppy in growth but a beautiful salmon in color. Each, 35c; 3 for 90c.



Spectabile Lady Slipper.

CYPRIPEDIUM.

No orchid is more beautiful than our native varieties of Lady Slipper or Cypripedium. Especially effective planted in partial shade in combination with native ferns.

SPECTABILE. (Showy Lady Slipper.) This is the finest and most showy of all orchids. It grows up to 2 feet high, bearing along the stalks several rather roundish leaves, and on top one or two quite large rose-purplish or magenta and white flowers. Does exceedingly well in a moist and partially shaded bed of peat or leaf loam. Nothing can be more charming than masses of this beautiful orchid. Each, 35c; 3 for 85c, postpaid.

PUBESCENS. (Yellow Lady Slipper.) Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. This is the easiest to grow of the Lady Slippers. Each, 35c; 3 for 85c.

ARTEMESIA. (Silver King.) Valuable for the silvery effect of the foliage, especially when combined with plants or cut flowers of a delicate shade. The branches may be cut and used fresh with cut flowers or dried and used with fresh flowers during the winter. Height, 2 to 3 feet. Each, 30c; 3 for 75c; \$2.50 per dozen.

YUCCA. (Adam's Needle). Filamentosa. The swordlike foliage is very attractive. Well established plants give spikes of white, lily-like flowers. Height, 3 to 4 feet. Each, 35c; 3 for \$1.00.



Lupines.

LUPINUS. (Washington Lupine.) Lupines seem to prefer a somewhat acid soil, either in the open or light shade. They are particularly effective in mass plantings in the border, or naturalized along streams, or open woodlands. Our mixed colors are a combination of Moerheimeii and Harkness strains and contain some wonderful colors of pink, rose, cream, blue and white. June, July, 2-3 ft. Mixed hybrids of blue, white and rose. Each, 25c; 3 for 65c.



Red Oriental Poppy.

OLDS' HARDY FLOWERING PLANTS

SUMMER BLOOMING PERENNIALS

AQUILEGIA. (Columbine or Honeysuckle.) One of the most graceful and dainty of hardy perennials with its delicately tinted bird-like blossoms on their slender stems, bowing and nodding in the breeze. The long-spurred flowers show shades of blue, mauve, cream, pink, red and yellow in a charming series of color blends. Well-rooted plants in mixed colors only. Each, 30c; 3 for 70c.

COREOPSIS. Sometimes called Yellow Daisy. Borne on numerous stems in great profusion nearly all summer. Each, 25c; 3 for 60c.

CLOVE PINKS. Perfectly hardy and flowering continuously from spring until late fall if the flowers are removed when they begin to fade. Their spicy fragrance rivals their brilliant colors, varying from pure white to the richest crimson, many being beautifully striped and laced. Each, 30c; 3 for 70c.

CANTERBURY BELLS. Biennial. Great pillars of bloom in rose-pink, blue and white. Mixed colors only. Each, 25c; 3 for 70c; 12 for \$2.25, postpaid.

CENTAUREA. (Globe) Macrocephala. Big heads of thistle-like flowers blossoming in July. Plants 4 to 5 feet high. The brown, globe-shaped buds are very ornamental. Each, 25c; 3 for 60c.

ERYNGIUM. Amethystinum. (Sea Holly.) Flowers and stems are a steel-blue color, with prickly holly-like leaves on the lower flower stems. Effective in the border and can be cut and dried for winter use. 20 to 30 inches in height. Each, 25c; 3 for 65c; \$2.50 per dozen.

DELPHINIUM. Gold Medal Hybrid. (Larkspur.) Perhaps the most beautiful hardy plant in cultivation. Great pillars of bloom, sometimes 8 feet tall, of every shade of blue, and increasing in size and beauty yearly. Each, 30c; 3 for 75c, postpaid.

DELPHINIUM. Belladonna. Sky blue. A continual bloomer. Each, 30c; 3 for 75c.

DELPHINIUM. English Hybrids. Very rare and beautiful. Each, 35c; 3 for 90c.



Hardy Perennial Gaillardia.

GAILLARDIA. (Blanket Flower.) One of the most satisfactory of tall hardy perennials. The large brown center is surrounded by petals marked with concentric rings of brilliant crimson, scarlet, orange and vermillion. One of the few perennials which is always in blossom. 2 to 3 feet in height. Each, 25c; 3 for 60c; \$2.00 per dozen, postpaid.

HOLLYHOCKS. Double Mixed. These stately old-time favorites, full of sentiment and beauty, bear large, perfectly-formed flowers in many lovely colors and shades. 20c each; 3 for 50c; \$1.75 per dozen, postpaid.

PLATYCODON. Balloon Flower. Closely related to the Campanulas. Attractive, open, bell-shaped flowers and buds that look like little balloons. Blue or white. July. 24-30 inches. Each, 30c; 3 for 70c.

PERSICAEFOLIA. (Peach Bell.) The waxy flowers of this variety are most valuable for cutting as well as attractive in the border. One of the most beautiful of perennials. Hardy, but needs dividing every year or two to keep its strength. Blue and white. 18 to 30 inches high. Each, 30c; 3 for 65c.

PENTSTEMON. (Beard Tongue.) Barbatus Torreyi. Tall spikes of brilliant scarlet flowers that make a striking appearance in the border from June to August. Grows to a height of 3 to 4 feet. The cut flowers give a distinct and pleasing effect when used for decorative purposes. Each, 25c; 3 for 65c.

VALERIANA. (Garden Heliotrope.) Officinalis. Showy heads of white flowers. Strong, sweet scent. 10 inches high. Each, 30c; 3 for 75c.

VIOLA. (Jersey Gem.) One of the best of the new introductions. We believe that this is the finest violet in cultivation. Wonderful to use in Rock Gardens or in the border. It grows about six inches high and shows a continuous bloom of vivid purple from early summer until frost. The plants are literally covered with huge violets measuring better than an inch in diameter. These plants in the field last summer were so covered with flowers that one could hardly see the plants. Each, 35c; 3 for 60c.

ROCK GARDEN PLANTS.

For Rock Garden Plants and Evergreens see inside back cover page. We offer a very fine Rock Garden Collection of 21 plants for \$4.75, postpaid.



DAISY. Shasta. Burbank's great introduction. 4 to 5 inches across. Each, 30c; 3 for 70c, postpaid.

DAY LILY. Tawny. These well known flowers are among the more popular perennials. The large trumpet shaped flowers of coppery-orange, shaded red, are carried on stems three or four feet tall, blooming profusely in July. Each, 25c; 3 for 60c; 12 for \$2.00, postpaid.

GOLD DUST LILY. Large, clear yellow flowers blossoming in June. Each, 25c; 3 for 60c; 12 for \$2.00.

HARDY LILIES. See page 81.

OLDS' LATE BLOOMING PERENNIALS.

GYPSOPHILA, OR BABY'S BREATH. Paniculata Compacta. When in bloom in August and September, it forms a symmetrical mass 2 to 3 feet in height and the same in diameter; of minute white flowers having a beautiful gauze-like appearance. Each, 30c; 3 for 70c, postpaid.

FUNKIA. (Plaintilly.) Lanceolata. Lilac flowers blossoming in September. 18 to 24 inches in height. Each, 35c; 3 for 90c.

RUDEBECKIA. Purpurea. (Purple Cone Flower.) Grows 3 to 4 feet high. August and September. Large, striking, pinkish-purple flowers. Also known as Echinacea Purpurea. Each, 25c; 3 for 60c.

DAISY. Giant. Great white daisies on swaying 4 foot stems. Each, 30c; 3 for 70c.

STATICE. Latifolia. Large flat heads of tiny purplish-pink flowers. May be dried and kept for months. Blooms in August and September. Grows 18 to 24 inches. Each, 30c; 3 for 70c.

SEDUM. Spectabile. Growth from 12 to 18 inches high. Useful in rockery, and valuable in the perennial border for the foliage is pleasing during the summer and the large flat heads of pink flowers are showy in September. Will do well in the sun or shade. Each, 30c; 3 for 70c.

VERONICA. Longifolia Subsessilis. (Japanese Speedwell.) Dense spikes of deep blue flowers. One of the best perennials for the hardy border. 18 to 24 inches in height. Each, 35c; 3 for \$1.00; \$3.50 per dozen.

OLDS' ROSES AND HARDY GARDEN LILIES

OLDS' MONTHLY BLOOMING ROSES.



ALEXANDER HILL GRAY. Flowers straw yellow, large size, freely produced. Popular variety. 1 yr., 27c; 3 for 78c. 2 yr., 66c; 3 for \$1.92.

OPHELIA. Outstanding garden and cut-flower rose; color, salmon shaded with rose. 1 yr., 29c; 3 for 84c. 2 yr., 78c; 3 for \$2.26.

CRUSADER. Rich velvety crimson flowers of great substance are produced profusely. 1 yr., 33c; 3 for 95c. 2 yr., 78c; 3 for \$2.26.

ELDORADO. Orange-yellow buds are streaked with crimson. Flowers golden yellow. 1 yr., 29c; 3 for 84c. 2 yr., 72c; 3 for \$2.08.

CRUSS AN TEPLITZ. Gigantic flowers of great substance. Fiery crimson shading to maroon. 1 yr., 27c; 3 for 78c. 2 yr., 66c; 3 for \$1.92.

JONKHEER J. L. MOCK. An immense perfectly formed pink rose. Delightfully fragrant. 1 yr., 29c; 3 for 84c. 2 yr., 72c; 3 for \$2.08.

KAISERIN AUGUSTA VICTORIA. Buds long and pointed; flowers delicate pure white. 1 yr., 29c; 3 for 84c. 2 yr., 78c; 3 for \$2.08.



Hardy June Rose. Frau Karl Druschki.

Everblooming Rose, Red Radiance.

EVERBLOOMING ROSES.

RED RADIANCE. The vivid clear red blooms retain their brilliancy indefinitely. 1 yr., 33c; 3 for 95c. 2 yr., 84c; 3 for \$2.44.

MRS. AARON WARD. Magnificent coppery orange buds develop into flowers of pinkish fawn. 1 yr., 30c; 3 for 87c. 2 yr., 78c; 3 for \$2.26.

PINK RADIANCE. Exquisite rose-pink buds open into globular flowers with lighter reflex. 1 yr., 29c; 3 for 84c. 2 yr., 72c; 3 for \$2.08.

REV. F. PAGE ROBERTS. Elegant orange-yellow blooms, perfectly formed. Wonderfully fragrant. 1 yr., 39c; 3 for \$1.13. 2 yr., 90c; 3 for \$2.61.

SUNBURST. Immense, highly colored, golden yellow flowers. Fragrant. 1 yr., 32c; 3 for 92c. 2 yr., 84c; 3 for \$2.44.

WHITE KILLARNEY. Magnificent, beautifully shaped white flowers of heavy texture. 1 yr., 32c; 3 for 92c. 2 yr., 84c; 3 for \$2.44.

LADY HILLINGDON. Flowers deep yellow that hold their color well; pretty foliage. Good grower. 1 yr., 29c; 3 for 84c. 2 yr., 78c; 3 for \$2.26.

ETOILE DE FRANCE. Flowers velvety crimson, very fragrant; fine foliage. Vigorous grower. 1 yr., 29c; 3 for 84c. 2 yr., 72c; 3 for \$2.08.



CLIMBING AMERICAN BEAUTY.

Hardy, strong growing, with foliage of bright glossy green. Blooms anywhere a porch rose will grow. Immense flowers of soft, glowing red. Unusually attractive, and delightfully fragrant. 1 yr., 27c; 3 for 78c; 2 yr., 54c; 3 for \$1.56.

OLDS' HARDY GARDEN LILIES.



Gold Banded Lily Auratum.

LILIUM AURATUM. (Gold banded Japanese Lily.) Immense flowers of wonderful fragrance are produced from June to October. A clear golden band runs through the center of each pure white flower which is thickly studded with crimson spots. 55c each; 3 for \$1.59.

REGAL LILY. This extremely popular hardy garden lily possesses unusually beautiful coloring. Flowers are white with tinges of yellow and pink; Canary yellow throat shading to white and pink. 30c each; 3 for 87c. Larger size, 60c; 3 for \$1.74. Extra large, 85c and \$1.00.

DOUBLE LILIUM TIGRINIUM. One of the most popular Hardy Lilies. It produces an abundance of magnificent, double, bright,

orange-red flowers spotted with black. 44c each; 3 for \$1.27; 12 for \$4.40.

SINGLE LILIUM TIGRINIUM. The grandest of the Tigers; black polished stems are topped with large pyramids of orange-red flowers spotted with black. 40c each; 3 for \$1.14.

LILIUM ALBUM. (White Jap Lily.) The best flowering of the pure white garden Lilies. Immense flowers are borne on good stems and contrast beautifully with the rich green foliage. 70c each; 3 for \$2.04.

LILIUM ROSEUM. (Rose Jap Lily.) One of the old garden favorites that blooms during August and September. Flowers are soft rose spotted crimson and mottled white. 55c each; 3 for \$1.59.

HARDY JUNE ROSES.

FRAU KARL DRUSCHKI. Grand in fragrance, foliage and flower. Snow-white flowers. 1 yr., 35c; 3 for \$1.01. 2 yr., 60c; 3 for \$1.74.

ULRICH BRUNNER. Flowers brilliant cherry red. One of the best; very fragrant. 1 yr., 32c; 3 for 92c. 2 yr., 90c; 3 for \$2.61.

HARDY CLIMBING ROSES.

HARDY MARECHAL NIEL. (Rose Gardenia.) Almost an exact replica of Marechal Niel. Rich golden yellow. 1 yr., 30c; 3 for 87c. 2 yr., 60c; 3 for \$1.74.

SHOWER OF GOLD. An improved deep yellow Rambler. Metallic foliage. 1 yr., 29c; 3 for 84c. 2 yr., 72c; 3 for \$2.08.

DOROTHY PERKINS. Very double soft shell pink blooms borne in clusters. 1 yr., 32c; 3 for 92c. 2 yr., 66c; 3 for \$1.92.

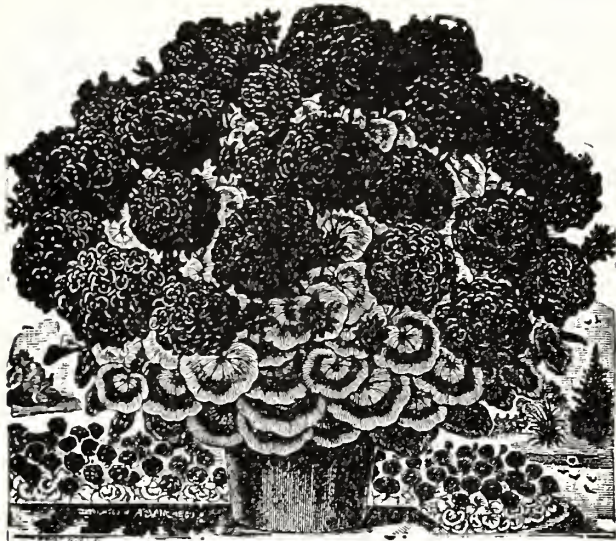


Regal Lily.

OLDS' HOUSE AND DECORATIVE PLANTS

All plants offered on this and the following two pages will be sent direct from our growing station in Ohio and not from Madison. We guarantee choice plants. All prices include postage.

DOUBLE BEDDING GERANIUMS.



Double Flowering Geranium (Radio Red).

RADIO RED. Bright pink. 27c each; 3 for 78c; doz., \$2.70.
The finest and most beautiful red offered in many years. 29c each; 3 for 84c; doz., \$2.90.

BUCHNER. Flowers purest white and very large. 26c each; 3 for 75c; doz., \$2.60.

DUCHESS DE MONTMORT. Trusses of enormous size; color brilliant purple, nearest blue Geranium. 30c each; 3 for 87c; doz., \$3.00.

BEAUTE POITIVINE. Rich salmon

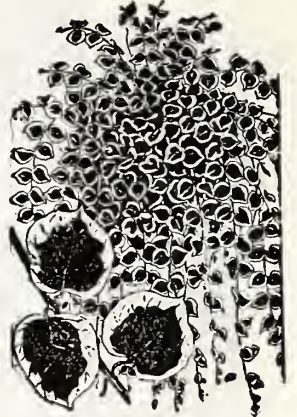
pink. 27c each; 3 for 78c; doz., \$2.70.

AROSA. Shrimp pink shading to white. 27c each; 3 for 78c; doz., \$2.70.

JEAN OBERLE. Peach pink graduating to white. 27c each; 3 for 78c; doz., \$2.70.

JEAN VIAUD. Bright rosy pink blotched with white. 28c each; 3 for 81c; doz., \$2.80.

MRS. LAWRENCE. Immense blooms. Soft salmon rose. 28c each; 3 for 81c; doz., \$2.80.



Trailing Vinca.

TRAILING VINCA. The leaves of this beautiful plant are a glossy green, broadly margined a creamy white; flowers blue. Admirably adapted for hanging baskets. 19c each; 3 for 55c. Larger size, 35c each.



Mammoth Rex Begonia.

Ced-o-flora
PLANT SPRAY
REGISTERED TRADE MARK

(See page 93.)

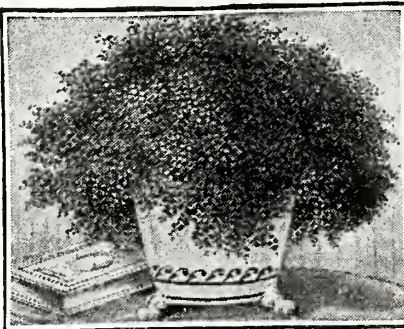
Shep's Plant Spray Kills Bugs

(See page 93 for description and price.)



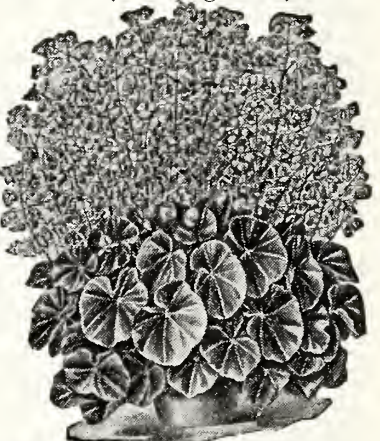
Christmas Cactus.

BABY TEARS. (Irish Moss.) (Helixine.) A compact, dense growing plant with miniature leaves, similar to a fine moss. A most attractive plant for cool, damp corners out of doors. Likes a good, loamy soil. Nice plants. 32c each; 3 for 92c; doz., \$3.20. Larger size, 50c each.



Baby Tears.

GIANT PAINTED LEAF BEGONIA. (Begonia, King or Rex.) In no other class of plants do we find the rich, metallic foliage and colors. 42c each; 3 for \$1.21, postpaid.



Beefsteak Begonia.

CHRISTMAS CACTUS. An early-flowering crimson-scarlet variety, with long drooping flowers. Price, 49c each; 3 for \$1.42.

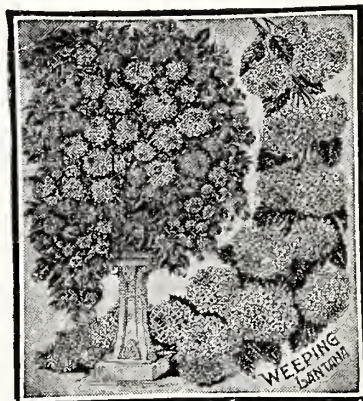
WAX PLANT. (Desert Plant.) Mesembryanthemum. Suitable for hanging baskets; also for a pot plant. Beautiful pink flowers. 26c each; 3 for 75c.



Pink Wax Plant.

"HOUSE PLANTS"

A 36-page illustrated book by Prof. J. G. Moore, Horticulturist, Wis. College of Agriculture. Free on request with a plant order amounting to \$1.00 or over.



Weeping Lantana.

BEEFSTEAK BEGONIA. (Feastii.) Low, spreading begonia, finest for house culture. 30c each; 3 for 87c. Larger plants, 50c each.

WEeping LANTANA. Grows very rapidly and blooms continually summer and winter, producing rosy-pink flowers. 24c each; 3 for 69c.

PORCH HYDRANGEAS.

RADIANT. Deep rosy-carmine; large showy leaves. 32c each; 3 for 92c.

MAD. EMILE MOULERE. Immense fringed white flowers. 35c each; 3 for \$1.01.

GEN. DE VIBRAYE. Gigantic bright rose blooms. Vigorous. 36c each; 3 for \$1.04.

BLUE BELL. Exquisite light blue. Very popular. 36c each; 3 for \$1.04.

PINK WONDER. (Trophee). Strong, erect flower heads, rich pink. 36c each; 3 for \$1.04.



Porch Hydrangea, Radiant.

HARDY GARDEN CARNATIONS.

HER MAJESTY. A new variety of pure white. Very double. 30c each; 3 for 87c; 12 for \$3.00.

ABBOTTSFORD. Flowers rich rose-red, shading darker in the center. 30c each; 3 for 87c; 12 for \$3.00.

ELSIE. Exquisite flowers of bright rose, shaded with maroon at center. 30c each; 3 for 87c; 12 for \$3.00.

CRIMSON KING. The color is a rich crimson and it is deliciously fragrant. 40c each; 3 for \$1.16; 12 for \$4.00.



Carnation, Crimson King.



White Calla Lily.

WHITE CALLA.

White Everblooming. A fine Calla that makes an unusually beautiful house plant. Flowers are large, borne on long, stiff stems, and are of purest white. 32c each; 3 for 92c. Larger size, 50c each.



Chinese Lantern Plant.

CHINESE LANTERN PLANT.

Grown for the orange-scarlet lantern-like fruits that are gathered in the fall and serve as splendid decorations at Thanksgiving and Christmas time. Each, 23c; 3 for 66c; 12 for \$2.30.

SNAKE PLANT.

A new and rare decorative plant. 38c each; 3 for \$1.10. Larger size, 60c each.



Snake Plant (Sansevieria).

DECORATIVE FERNS

FLUFFY RUFFLES. Different from all other ferns. Dark, feathery foliage. The compact and irregular shaped fronds which give it the name "Fluffy Ruffles," are so formed as to resemble miniature Ferns. 40c each; 3 for \$1.16. Larger plants, 75c each; 3 for \$2.17.

ROOSEVELT. Fronds broad and heavy, rich, dark green. 30c each; 3 for 87c. Larger plants, 60c each; 3 for \$1.74.

WHITMANII. Dense and compact. 30c each; 3 for 87c. Larger plants, 60c each; 3 for \$1.74.

TEDDY JR. Beautifully tapered fronds. A shapely graceful grower. 30c each; 3 for 87c. Larger plants, 60c each; 3 for \$1.74.

OSTRICH PLUME. Wide feathery fronds. 32c each; 3 for 92c. Larger plants, 75c each; 3 for \$2.17.

AMERICAN WONDER

LEMON. A true ever-bearing Lemon. Excels ordinary Lemons for making pies, fruit sometimes weighing over four pounds. Of easy culture, flowering and fruiting in ordinary soil. 28c each; 3 for 81c. Larger size, 60c each. (Notice: Lemon plants can not be shipped into the following states: Ala., Ariz., Calif., Fla., Ga., La., Miss., Texas, and S. Car.)



American Wonder Lemon.

ASPARAGUS SPRENGERII.

Valuable house plant of easy culture, sprays four to five feet long. Retains freshness after cutting for a very long time. 27c each; 3 for 78c. Larger sizes, 45c and 75c.

ASPARAGUS PLUMOSUS.

A tall, climbing, decorative plant of rare and delicate beauty. Its fine and plume-like foliage is a bright green. Fronds six to eight inches wide. 29c each; 3 for 84c. Larger sizes, 44c and 68c.

EXHIBITION CHRYSANTHEMUMS.

COL. D. APPLETON. The most widely grown yellow in cultivation. 22c each; 3 for 63c; doz., \$2.20.

CULLINGFORDI. The best rich crimson shading to dark red. 31c each; 3 for 89c; doz., \$3.10.

OCONTO. A splendid, gigantic white of snowball type. 22c each; 3 for 63c; doz., \$2.20.

ENCHANTRESS. An early pink of merit; growth splendid. 29c each; 3 for 84c.

GOLDEN GLORY. One of the most popular yellows; large and perfect flowers. 25c each; 3 for 72c.

HARVARD. Rich crimson. Large blooms. Very showy. 31c each; 3 for 89c.



Popular Boston Fern.

BOSTON. Dark green fronds of unusual length. 24c each; 3 for 69c. Larger plants, 50c each; 3 for \$1.45.



Mammoth Double Fuchsias.

GIANT FREE FLOWERING FUCHSIAS.

PHENOMENAL. Scarlet flowers, purple corolla. Double. Blooms of enormous size. Sepals of enormous size; sepals bright scarlet, with rich violet purple corolla. 28c each; 3 for 81c.

PURPLE PRINCE. Double; sepals scarlet; corolla beautiful distinct blue, very dwarf. 27c each; 3 for 78c.

GLOIRE DES MARCHES. Brilliant, deep scarlet. The corolla is very large and double, pure white. 27c each; 3 for 78c.

SPECIOSA. Tube and sepals carmine. 26c each; 3 for 75c.

BLACK PRINCE. Blossoms of a beautiful waxy carmine or pink color. A shapely bush of easy culture and robust growth. 28c each; 3 for 81c.



Lace Fern (Asparagus Plumosus).



Pansy Geranium, Easter Greeting.

PANSY GERANIUMS.

EASTER GREETING. Fiery amaranth-red marked with a large, dark brown or black spot in the center. 39c each; 3 for \$1.13.

MRS. LAYAL. The original pansy Geranium. Extraordinary markings, light pink, white, dark purple, black, etc. 42c each; 3 for \$1.21.

LUCY BECKER. A very prolific bloomer. Very colorful rosy-pink flowers which resemble Easter Greeting. 35c each; 3 for \$1.01.

GARDENER'S JOY. The ground color is apple blossom pink, the two upper petals having blotches of brown. Enormous clusters of beautiful flowers; handsome foliage. 39c each; 3 for \$1.13.



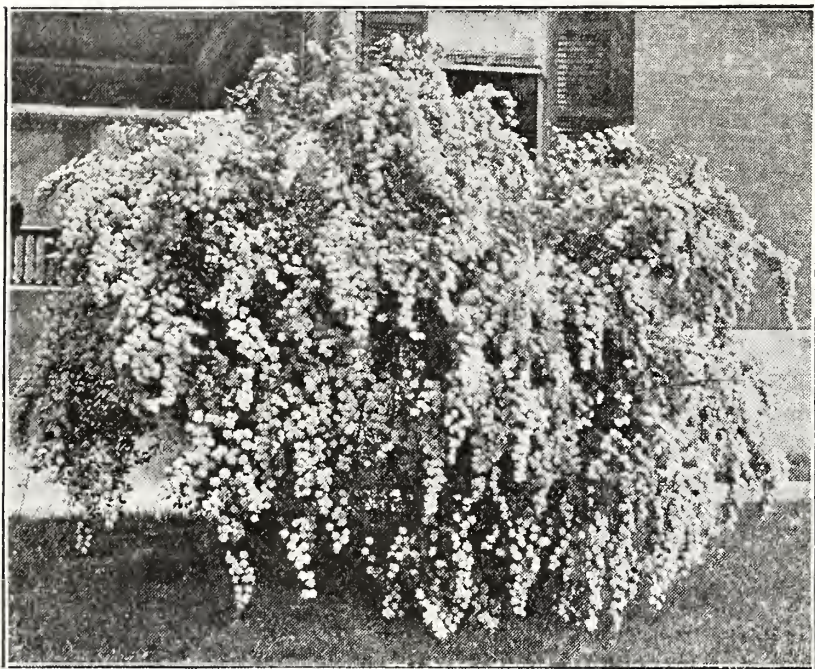
Enchantress Chrysanthemum.

OLDS' HARDY SHRUBS AND VINES

ORNAMENTAL SHRUBS

Olds' Ornamental Shrubs are all bush formed, well rooted, hardy, transplanted stock, measuring 1½ to 2 feet high unless otherwise specified. They are never shipped with seeds or other articles but packed and sent direct from our growing station about 40 miles out of Madison. All ornamental shrubs are sent postpaid.

If sold out of the variety ordered we will substitute a like variety of equal or higher value in its place. This rule applies to Nursery Stock only, not to anything else offered in the catalog. In case you do not want a substitution made kindly note that on your order and we will refund for the item sold out. We urge our customers to order early so that we may properly take care of their orders, filling them at the proper time for planting in the spring.



Spirea Van Houttei.

SPIREA VAN HOUTTEI. (Hardy Bridal Wreath). Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. 45c each; 3 for \$1.25, postpaid.

SPIREA, FROEBEL'S. A Japanese type of Spirea with bluish green leaves and red stems. Rather more dwarf than Van Houttei. Begins to bear flat clusters of rose colored flowers almost as soon as planted and continues in bloom until late autumn. 50c each; 3 for \$1.40.

SPIREA, ARGUTA. Blossoms in May with a wealth of minute pure white flowers. Has small, deep green foliage. 45c each; 3 for \$1.25, postpaid.

SPIREA, ANTHONY WATERER. 12 to 15-inch stock. Produces bright crimson blooms throughout the summer. Dwarf growing. 50c each; 3 for \$1.40, postpaid.

SPIREA, BILLIARDI. Grows about 4 feet high, blooming during July and August. Flowers are a bright pink. 45c each; 3 for \$1.25, postpaid.

SNOWBALL. The common Snowball has been a favorite for many years and is always ready with its load of white ball blooms to supply the necessary decoration for Memorial Day. 60c each; 3 for \$1.70, postpaid.

SNOWBERRY. One of the prettiest of low-growing shrubs, hardy, and succeeding in almost any soil or in partial shade. The tiny pink flowers are followed by waxy white berries which last well into the winter. 45c each; 3 for \$1.25, postpaid.

ALMOND PINK. A beautiful small shrub bearing an abundance of small double rose-like flowers. Blooms in May. 75c each; 3 for \$2.00, postpaid.

CORNUS LUTEA. (Yellow Dogwood.) Bright yellow bark in winter. Fine planted with red dogwood. 45c each; 3 for \$1.25, postpaid.

CORNUS SIBERICA. (Red Dogwood.) Red branched; 5 to 6 feet; erect grower. 45c each; 3 for \$1.25.

DEUTZIA LEMOINEI. A short-flowered plant of easy culture. Does well in any soil. The branches are entirely covered with erect panicles of large snow-white flowers. 60c each; 3 for \$1.70, postpaid.

HONEYSUCKLE, TARTARIAN PINK. Attains a height of 8 to 12 feet. Blooms during May. Has slender upright branches and small bright pink flowers followed by orange-yellow berries. 45c each; 3 for \$1.25, postpaid.

HEDGE PLANTS

Hedge Plants, 25c each; 10 for \$2.00, postpaid. By express. 100 for \$18.00. 1 to 1½ foot stock.

PRIVET. Amoor (Siberian). A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. Also a good specimen plant.

JAPAN BARBERRY. Dense growing, thorny shrub, with drooping yellow flowers followed by bright red berries which hang all winter. This variety of barberry does not harbor wheat rust and may be planted anywhere. A good plant to use as a protection for evergreens.

PHILADELPHUS GRANDIFLORUS. (Syringa.)

Commonly known as "Mock Orange." A vigorous and hardy shrub with handsome flowers and foliage. Beautiful white flowers produced in great profusion. Attains a height of 8 to 12 feet, blossoming in June. 45c each; 3 for \$1.25, postpaid.

PHILADELPHUS VIRGINALIS. This variety grows from 5 to 6 feet high and has large handsome flowers. The blooming season is somewhat longer than that of the older varieties. 75c each; 3 for \$2.00.

PRUNUS TRILOBA. (Flowering Plum.) Really a small tree which has its branches covered before the leaves appear with small, double, pink flowers. 5 to 8 feet in height. 2 to 3-foot stock. 80c each, postpaid.

PRUNUS NEWPORT. (Purple-Leaf Plum.) The foliage and young shoots of this variety are of a rich, reddish purple. 2 to 3-foot stock. 80c each.

VIBURNUM DENTATUM. A bushy upright-growing shrub of large size. Has heart-shaped leaves which are bright green in the summer and which later change to a rich purple red. Flowers are creamy-white. Blooms late in the spring. 60c each; 3 for \$1.70, postpaid.

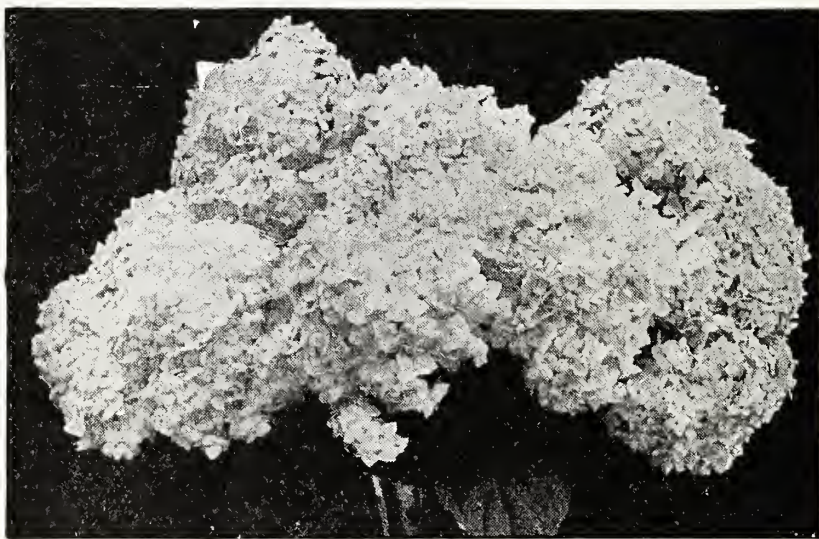
VIBURNUM LENTAGO. A large-growing shrub with bronze leaves when young, turning to a glossy green in mid-summer and brilliant orange-red in autumn. Creamy white flowers with blue berries. 10 to 12 feet high. 60c each; 3 for \$1.70, postpaid.

WEIGELIA ROSEA. 5 to 6 feet in height. A hardy and beautiful shrub bearing a profusion of rose-colored flowers. 50c each; 3 for \$1.40, postpaid.

LILAC, PURPLE. Lilacs are hardy and free flowering shrubs which burst forth with fragrant flowers in the spring and early summer. They do well in most any fertile soil. The purple is most widely known and grown. 50c each; 3 for \$1.40, postpaid.

LILAC, WHITE. Same as the purple only white. 60c each; 3 for \$1.70, postpaid.

LILAC, PERSIAN. Has bright purple flowers but attains a height of only 5 to 6 feet. Blooms during May and June. 60c each; 3 for \$1.70, postpaid.



Hydrangea Paniculata.

HYDRANGEA PANICULATA. Creamy white flowers changing to pink; borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. 65c each; 3 for \$1.80, postpaid.

HYDRANGEA ARBORESCENS. (Hill of Snow.) A beautiful new American shrub. Foliage a good green, bluish underneath. 50c each; 3 for \$1.40, postpaid.

HARDY VINES

SCARLET HONEYSUCKLE. A tall sturdy climber, especially suitable for a north position. The bluish green foliage covers well and the plant blooms from midsummer until very late in the fall. 50c each; 3 for \$1.40.

BOSTON IVY. (Veitchi). The well known vine for covering brick and stone work. 60c each; 3 for \$1.70.

ENGELMANII IVY. It has a foliage which turns to bright crimson in the fall. It also has the clinging habit of growth and may be planted to climb smooth surfaces; harder than the Boston Ivy and will do well in any situation. 50c each; 3 for \$1.40, postpaid.

OLDS' HARDY FRUIT TREES

OLDS' APPLES AND CRABS

Prices of all Apple and Crab Apple Trees, 4 to 5-foot trees: 60c each; 10, assorted varieties if preferred, for \$5.00. Write for special prices in larger quantities. All trees are ordinarily sent by express. If wanted by mail add 20 cents per tree for postage.

Orders are filled from our growing station, 40 miles from Madison. See preceding page in regard to substitutions.

SUMMER VARIETIES APPLES

YELLOW TRANSPARENT. An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

DUCHESS OF OLDENBURG. A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early. Well known.

LIVELAND. A very hardy apple. Color white, shading to crimson; flesh, white. Very juicy and sweet. Bears during July and August.



Add 20c per tree for 4 ft. stock to go by parcel post.

WINTER APPLES

DELICIOUS. Good size, fine quality. Tree good grower and hardy. Most popular newer variety for eating.

GOLDEN RUSSET. Medium, dull russet, quality the best. Tree enormous and early bearer. Valuable for the market and for home use.

JONATHAN. Medium, red, extra quality.

McINTOSH. Medium size, dark red, good quality. The best home variety for this section.

NORTHWESTERN GREENING. Hardy, yellow, rich, of good size; extra long keeper. Good cooker.

BAYFIELD. The tree is a rapid grower, bearing large red apples of splendid quality that will keep up to May 15th. It is well adapted for the large commercial orchard.

PERKINS. The fruit is large, red, and round as a ball. Flesh fine-grained with a delicious flavor. Not as hardy as some winter varieties but does well in southern Wisconsin.

RED WING. A long-keeping winter apple slightly larger than Wealthy. Streaked with red on a yellow back-ground. Acid enough to make it a good cooking apple. This variety originated in Minnesota and has received the highest premiums at the Minnesota State Fair for the past eleven years. It also took a Gold Medal at the St. Louis World's Fair in 1903, in competition with everything.

BEN DAVIS. Large, handsome, striped, poor quality.

FAMUSE. (Snow.) Medium, deep crimson, flesh white, of best quality.

GRIMES' GOLDEN. Good size, yellow, of highest quality; very productive.

PEARS

Prices of Pears, 3 to 4-foot trees: Each, 75c; 10 for \$7.00, by express.

BARTLETT. Large, buttery, juicy, high flavored, great bearer; very popular, early. (August.)

CLAPP'S FAVORITE. Very large, early, yellow and red, with russet specks; melting rich. (August.)

AUTUMN VARIETIES APPLES

WEALTHY. The one fall apple with a perfect score as regards dessert, cooking and market qualities in contests of the Wisconsin Horticultural Society. Round fruit of rich dark polished red. The aromatic tender flesh is juicy, sub-acid, and of delicious flavor. The Wealthy is an early and annual bearer.

WOLF RIVER. The largest apple grown. Greenish-yellow shaded red. Pleasant flavor for eating out of hand or cooking but a little coarse in texture.

DUDLEY. Similar to Duchess only an early winter variety. Less tart and of better quality. This variety originated in northern Maine and is considered there one of their finest apples.

GOODHUE. A good keeping apple with a hardy and vigorous growing tree. This variety is similar to Wealthy but superior as an eating and cooking apple.

PEERLESS. This variety originated in Minnesota. Ready for use in October. The fruits are medium in size, yellowish green with stripes and splashes of carmine. Flesh, yellowish white. Fine grained.

Delicious Apples.

HARDY PLUMS

Prices, all Plums, 4 to 5 foot trees, by express: Each, 80c; 10 for \$7.50. Assorted if desired.

★LORING PRIZE. Big red plums as large as good-sized peaches and much the same shape; of wonderfully fine flavor.

★UNDERWOOD (MINNESOTA NO. 91). Earliest and hardiest of the large new plums, ripening August first to August 15th, and attaining a size of 1 3/4 inches in diameter. Fruit red, juicy; very small pit, free stone.

OPATA. The finest plum for home gardens or where there is room for but one or two fruit trees. A dwarf grower, bearing heavily one year after it is planted. The fruits are purple with firm yet juicy green flesh of excellent quality. Tender skin and small pit. Free stone.

SAPA. Dark flesh of fine quality. Five-foot trees at three years bear 1 to 1 1/2 bushels each and keep it up.

WANETA. The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple Plum, a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and rich, sweet flavor. Absolutely hardy.

KAHINTA. A cross between Burbank's Apple Plum and Terry. It is a good bearer and appears hardy throughout the North. The fruit is red, large, firm, 1 3/4 to 2 inches in diameter. Has a small pit and delicious flavor.

TOKA. This is a cross between the American plum and the fragrant Apricot of China. The tree is remarkably strong and vigorous. Fruit dark red in color, very handsome, firm, large and a good shipper.

CRAB APPLES

Prices of Crab Apple Trees, 4 to 5-foot trees: 60c each; 10 for \$5.00, by express.

HYSLOP. Large, deep crimson; most beautiful.

WHITNEY. One of the largest; splashed carmine, firm, juicy, great bearer. Fine eating apple.

OLDS' HARDY FRUIT AND SHADE TREES



A Dish of Delicious Latham Raspberries.

RASPBERRIES

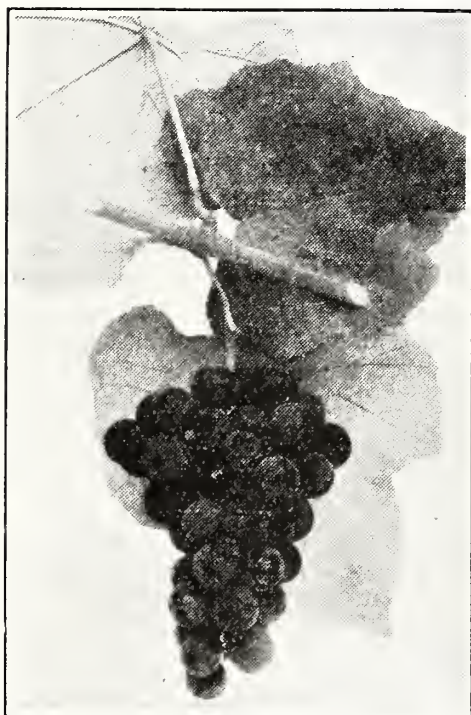
Prices, both varieties: 20c each; \$1.00 per 6; \$1.75 per 12, postpaid.

CUMBERLAND RASPBERRY. A wonderfully productive variety. Berries run $\frac{3}{8}$ to 1 inch in diameter. The fruit is black.

★**LATHAM.** A grand new red Raspberry possessing splendid market qualities. We believe that this is the best raspberry thus far introduced. Will live through the winter in Wisconsin without any protection.

GRAPES

Strong plants, 35c each; 10 for \$3.00, \$28.00 per 100, postpaid. Assorted varieties if desired.



Concord Grape.

★**CONCORD.** The old standard purple grape, doing well everywhere. A heavy yielder.

DELAWARE. An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

BETA. The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium-sized, jet black, in good bunches, juicy and of fair quality.

MOORE'S EARLY. Bunch and fruit large, very productive and of superior quality. Vine exceedingly hardy. Desirable for an early market. Its hardiness particularly adapts it to Canada and Northern portions of the United States.

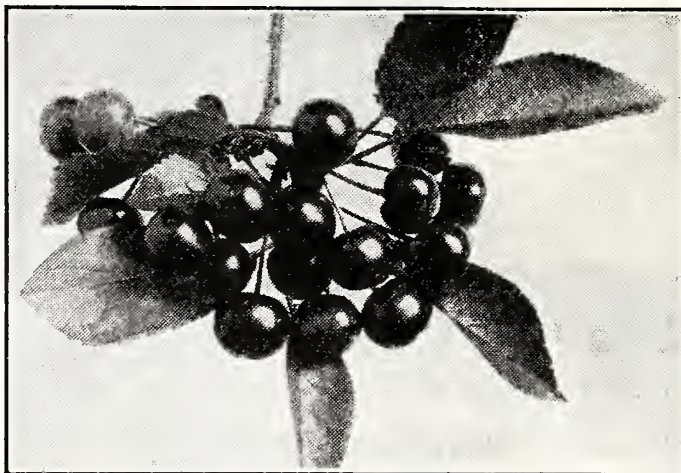
Grapes are one of the best and most healthful fruits we have. Perfectly hardy and easy to grow in any soil if not too wet. Plant along a garden fence, beside an arbor or in rows 8 feet apart. Grow delicious grapes in your own garden.

NIAGARA. Occupies the same position among white varieties as Concord among the black. The leading profitable market sort. Bunch and fruit large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough; quality much like Concord.

★**WORDEN.** An improved Concord; sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

CHERRIES

Prices of Cherries, 3 to 4 foot trees: Each, 75c; 10 for \$7.00, by express.



Montmorency Cherry.

★**MONTMORENCY.** Large, bright crimson, very juicy; strong, upright grower; one of the best late varieties.

★**EARLY RICHMOND.** An early variety of extreme hardiness bearing large crops. Light to dark red, juicy.

SHADE TREES

For lawn or street planting. Strong, well-rooted, 6 to 8 foot trees. Prices except as otherwise noted, by express: Each, \$1.25; 3 for \$3.45.

ELM, American White. The most beautiful of all elms. It is a wide-spreading tree borne up to a considerable height on a straight and shapely trunk. Each, \$1.50.

WEeping BIRCH. A tall slender tree of vigorous growth. Trunk somewhat pyramidal in shape with graceful drooping branches. White bark on all of the old wood. 4 to 5-foot trees, \$2.00 each by express.

MOUNTAIN ASH. A native tree. When quite young this tree will produce berries in large clusters of an orange color. Grows about 18 feet tall.

SILVER MAPLE. (Soft Maple.) A well known ornamental tree with wide-spreading slender branches.

WHITE ASH. A good strong tree, producing a broad round head with a strong clean trunk. Will do well on practically any soil.

HARDY CATALPA. A handsome large foliage tree. Its fine racemes of flowers in early summer are a distinguishing feature, while in the autumn it has a heavy crop of long pendent beans.

LOMBARDY POPLAR. A tall picturesque spire-like tree. Fine for formal plantings along avenues or for marking the boundaries of grounds.

BECHTEL'S CRAB. A dwarf tree of great beauty covered with large double rose-like blossoms. A hardy and popular variety. 3 to 4 foot trees, \$1.50 each.

OLDS' STRAWBERRY PLANTS

Our Strawberry Plants are freshly dug, well packed and sent by themselves at planting time direct from our growing station about 50 miles north of Madison. They are all large plants, well rooted.



Three Average Mastodons, With Two Just Normal Size Champions, a Standard Variety, on Top.

THE MASTODON EVERBEARING

The heaviest producing strawberry. Some have measured five inches in circumference. Nine selected berries have filled a quart box and it is no trouble to select eighteen that will fill a quart box. The plants are always big and vigorous and well supported by a heavy root system. Like all everbearing varieties, the Mastodon will nearly always take a rest during about six weeks of the hottest, driest part of the summer: after that it bears until freezing weather begins. It does not bear smaller fruit later in the season; in fact the fall crop is usually larger than that produced in the spring. A four acre tract produced 22,176 quarts in 28 weeks or nearly 5,600 quarts per acre.

Berries are firm and solid, of the finest flavor, although on account of their unusually large size we do not recommend them for shipping a great distance. The Mastodon is not an experiment. It is absolutely the best flavored, largest, heaviest producing and finest berry ever introduced and we guarantee it unqualifiedly.

Prices, postpaid: 12 plants for 65c; 25 for \$1.10; 50 for \$1.90; 100 for \$3.25; 250 for \$6.75; 500 for \$12.00.

EVERBEARING STRAWBERRIES

Everbearing strawberries are no longer an experiment. Planted early in the spring, they will ripen in August, yielding the finest of fruit until November's freezing-up time comes. Then in June they will yield again and after a few weeks' rest will throw up new blossom stalks and yield still again through the following fall.

PROGRESSIVE. The best medium size everbearing strawberry. A strong hardy plant, producing many runners. Foliage large and healthy; has a delicious flavor.

Prices, postpaid: 25 for \$1.00; 100 for \$2.65.—By express: 1,000 for \$18.00; 500 at the 1,000 rate.

STANDARD VARIETIES STRAWBERRIES

DR. BURRELL STRAWBERRY. (Perfect): Medium. "The Million Dollar Berry." Does well in all soils and climates. Fruit large, dark red, glossy and fine.

WARFIELD STRAWBERRY. (Imperfect Flowering.) One of the best of shippers and its rich color, good size, fine shape and flavor make it an almost perfect market berry. It is midseason, dark red, and firm. Plant with Senator Dunlap.

AROMA STRAWBERRY. (Perfect Flowering.) Plants large, vigorous, with a splendid root system. Fruit large, holding its size well throughout all the pickings.

The berry is nearly round, smooth and perfect in form, of a beautiful bright, glossy red color, very firm and of high quality. It is medium late in season, much more than average in yield and a sure cropper every year.

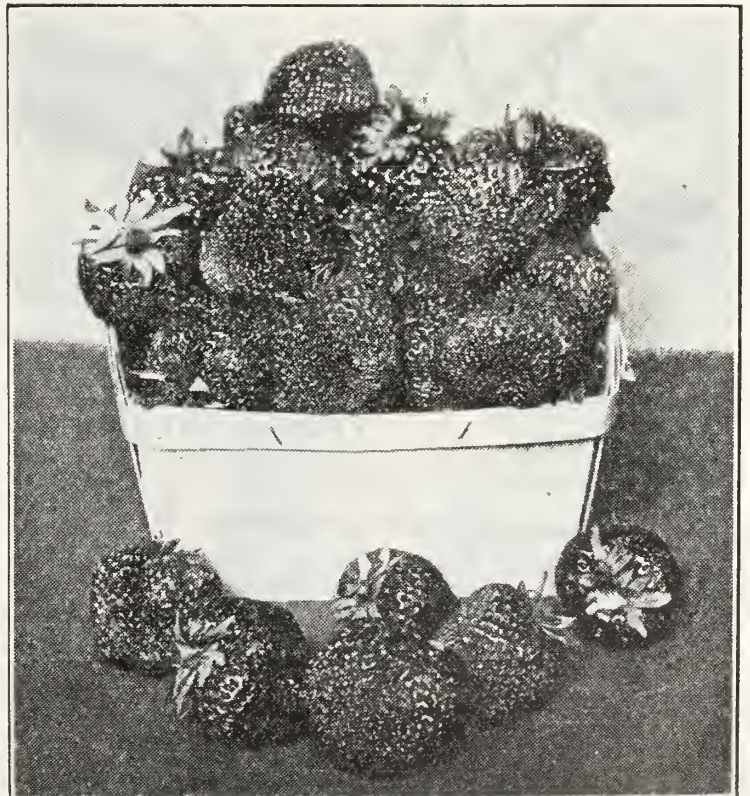
SENATOR DUNLAP. (Perfect Flowering.) The best all-around standard strawberry and the one which is most widely known. The plants are medium in size, long rooted and thoroughly drouth resistant. The variety is unusually productive, beginning to ripen early and continuing to bear for a long time.

The fruit is of medium size, smooth, regular and firm and the color is a beautiful red extending well to the center of the berry.

Prices for the above four varieties: Postpaid, 25 for 50c; 50 for 80c; 100 for \$1.50.—By express: 1,000 for \$7.00; 500 at 1,000 rate. Cultural leaflet on request.

USE MULCH PAPER FOR STRAWBERRIES. (See page 61.)

For the home strawberry bed Mulch Paper is ideal. It keeps the weeds down and insures clean fruit. Just spade up your bed in the usual way, lay the Mulch Paper on top of the soil and stake down. Then cut holes in the paper and set the plants in rows. The care of a strawberry bed is a pleasure when handled in this way.



A Box of Senator Dunlap Strawberries.

Planet Jr. Garden Tools

The New "Planet Jr." Catalogue is the hand-somest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

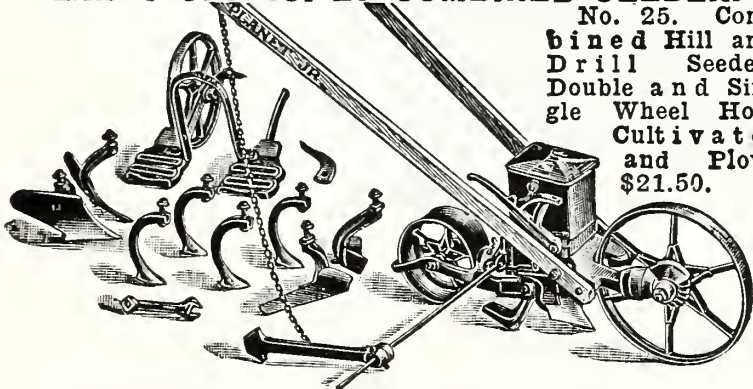
PLANET JR. NO. 4 COMBINED SEEDER.

No. 4 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. Complete, as shown in cut, \$18.00.
No. 4D. Seeder Only, \$14.25.



PLANET JR. NO. 25 COMBINED SEEDER.

No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow. \$21.50.



PLANET JR. NO. 26 DRILL SEEDER.

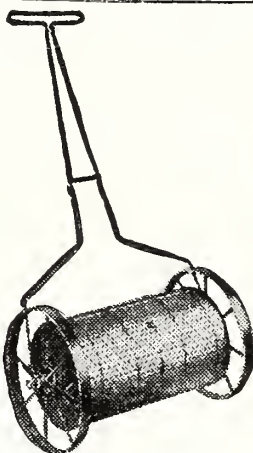
A new style, large size seeder, with wide tread wheels. Holds 4 quarts. Fine for muck land. Price, \$20.00.

PLANET JR. FERTILIZER DISTRIBUTOR.

Will distribute from 100 to 2,000 pounds of commercial fertilizer per acre as desired. Spreads from 4 to 30 inches. Price, \$27.00.

FERTI-SPREADER.

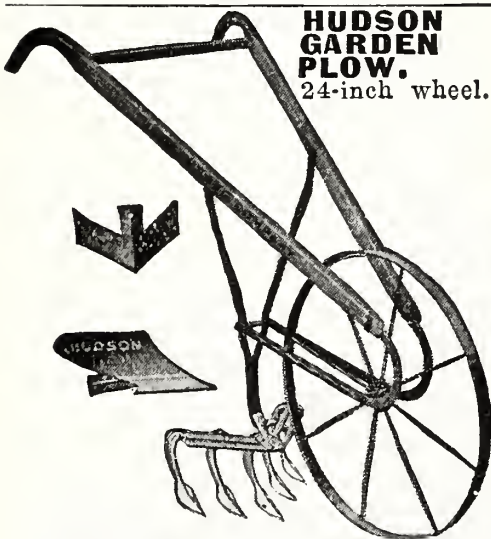
Distributes any kind of fertilizer quickly, easily and in the desired amount. Width, 20 inches. Price, \$11.00.



Ferti-Spreader.

No. 240 Hudson, as shown in cut, \$4.00.

No. 244 Hudson, without plow and sweep, \$3.35.



HUDSON GARDEN PLOW.
24-inch wheel.

VIGORO SPREADER.

Furnished by Swift & Co., manufacturers of Vigoro and designed by them. The important thing in applying Vigoro is to have an even distribution.

The Vigoro Spreader will apply evenly 100 pounds of Vigoro in 15 minutes. It can also be used for sowing lawn grass and other seed, also for applying lime, also for sifting sand on icy walks.

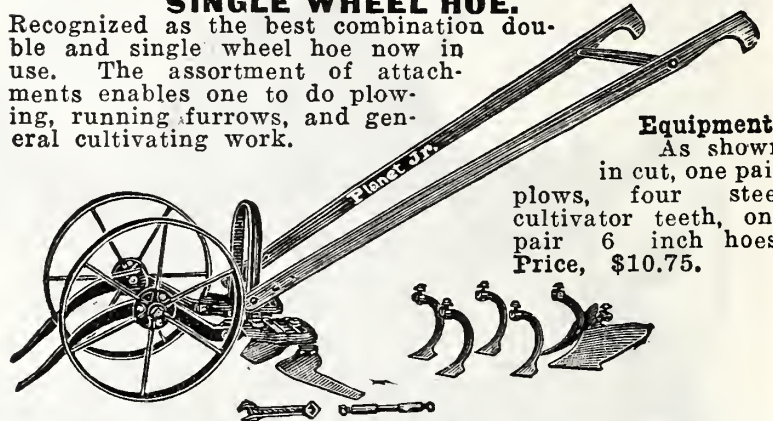


Hopper is 24 inches wide, made of galvanized rust-resisting steel. Holds 75 pounds Vigoro or 25 of seed mixture. It is easy to push, easy to regulate and is built to withstand long and hard wear. Price, \$12.50.

Price, \$12.50.

PLANET JR. NO. 12 DOUBLE AND SINGLE WHEEL HOE.

Recognized as the best combination double and single wheel hoe now in use. The assortment of attachments enables one to do plowing, running furrows, and general cultivating work.



Equipment:

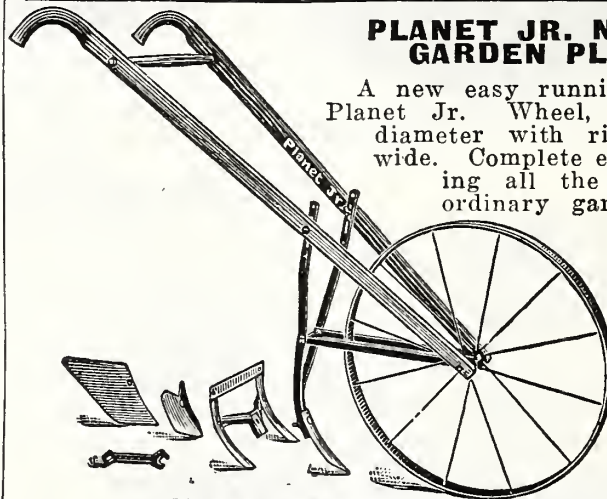
As shown in cut, one pair plows, four steel cultivator teeth, one pair 6 inch hoes. Price, \$10.75.

PLANET JR. NO. 17 SINGLE WHEEL HOE.

Equipment: One large garden plow; three steel cultivator teeth; one pair of six inch hoes. Price, \$7.75.

PLANET JR. NO. 17½ SINGLE WHEEL HOE.

Same as No. 17 without the garden plow. Price, 6.75.



PLANET JR. NO. 119 GARDEN PLOW.

A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1½ inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, furrowing, covering, cultivating, hoeing, hilling. The tool is built with the same care for detail that has made all Planet Jr. tools leaders. Price, \$4.75.

PLANET JR. STAR PULVERIZER, WEEDER AND CULTIVATOR.

A wonderful tool for garden work. Cultivates thoroughly right after a rain and leaves the soil in fine condition. The star discs break up the soil, while the oscillating blade, which works forward or backward, pulverizes the soil, cuts off weeds directly beneath the surface and levels the soil at the same time.

PLANET JR. LAWN EDGER.

Edges either straight or curved walks of cement, stone or brick, rapidly and easily. Everyone who uses a lawn mower needs one of these edgers. Price, \$1.60; by mail, \$1.80.

Width of cut, 7½ inches. Weight 6 lbs. Price, reduced \$3.00; by mail, \$3.30.

LAWNETTE.

The Lawn Maker.

A new invention needed by every home owner and within the reach of everyone. Spreads quickly and uniformly, in any quantity desired, grass seed, fertilizers, plant foods, etc. Holds 25 pounds, spreads 14 inches wide and operates as fast as a lawn mower. Very simple and easy to run. Does accurate and satisfactory work and is sold at a low price. Because of its very reasonable price we anticipate a great demand for this tool. Made by O. E. Thompson and Sons, well known seeder manufacturers. They report 2,000 Lawn Spreaders sold in 90 days by one distributor. Price, only \$7.50.





BARKER WEEDER, MULCHER AND CULTIVATOR—3 TOOLS IN ONE

Makes Gardening Easy and Insures Best Yields.

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower.

In market gardening labor is the chief item of expense. It is no idle boast that "a boy with a Barker can do more and better work than ten men with hoes," or than two men with wheel hoes. Many leading commercial market gardeners have discarded all other kinds of tools since trying the Barker. Prices reduced.

No. 6 Barker Jr. 6-inch cut. For small gardens, \$7.25.
No. 8½ Barker Jr. 8½-inch cut. Size for most rows, \$7.95.
No. 10 Barker Jr. 10-inch cut. Very popular size. \$8.45.
No. 6D Barker. 6-inch cut. For lettuce and close rows. \$8.00.
No. 8½D Barker. 8½-inch cut. For onions and like crops. \$9.25.

No. 10D Barker. 10-inch cut. Most useful size. \$10.60.
No. 11D Barker. 11-inch cut. For rows 15 inches and more. \$11.75.

No. 12D Barker. 12-inch cut. For big gardens. \$12.60.

Prices include all attachments. Money back if not satisfied. Goods guaranteed five years. Not mailable.

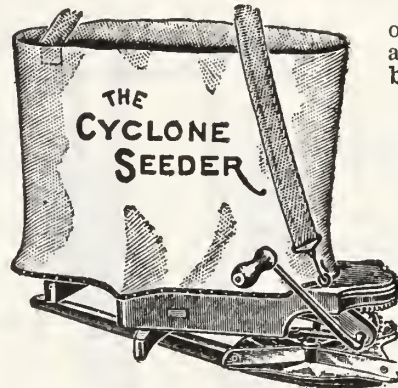
Note—"Gardening for Profit and Pleasure," a beautiful illustrated 24 page book on weeding, mulching and cultivating, mailed free on request.

CYCLONE SEEDER.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is

built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. No waste of seed.

Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even grain. Price, reduced, \$2.00; by mail, \$2.25.



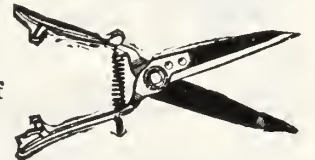
GRASWIP.

Cut your grass without stooping. Swings like a golf stick. Price, \$1.00; by mail, \$1.10.



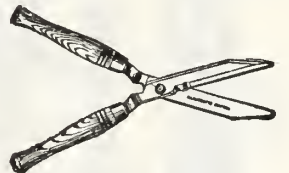
CALIFORNIA PRUNING SHEAR.

A thoroughly reliable pruning shear. Price: 90c; by mail, \$1.00.



GRASNIP SHEARS.

For grass, vines, light shrubbery, etc. Price: \$1.05; by mail, \$1.15.



HEDGE SHEARS. 6-inch blade, \$1.30; by mail, \$1.40; 8-inch blade, \$2.00; by mail, \$2.15; 10-inch blade, \$2.35; by mail, \$2.50.



LONG HANDLE PRUNING SHEARS.

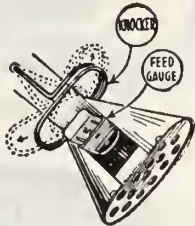
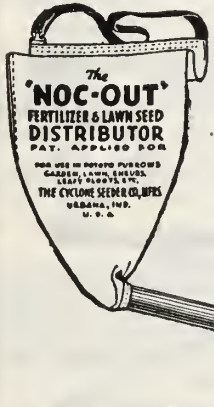
Special heavy, 26 inch, \$3.25; by mail, \$3.40.



GRASS HOOK.

Best quality steel, 60c; by mail, 65c.

NOC-OUT
Fertilizer and Lawn Seed Distributor. A new tool made by the Cyclone Mfg. Co. Simple but practical and sold at a ridiculously low price. Quickly pays for itself. The oscillating "Knocker" insures a steady uniform flow with either lawn grass or fertilizer. Price, \$1.25; by mail, \$1.35.



AUTOCRAT LAWN SETTEE.

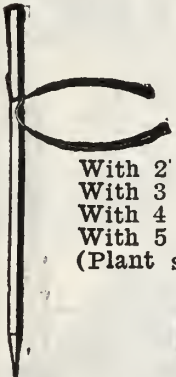
Strong, durable, attractive. Just the thing for lawn or porch. 4 feet long. Price reduced, \$4.50.

ADJUSTO PLANT SUPPORT.

For Tomatoes, Dahlias.

Consists of an oak stake pointed at the bottom and painted green and a hoop of toughest galvanized steel. Adjustable to any height.

With 2 ft. stake, 15c each; doz., \$1.50.
With 3 ft. stake, 25c each; doz., \$2.50.
With 4 ft. stake, 30c each; doz., \$3.00.
With 5 ft. stake, 35c each; doz., \$3.60.
(Plant supports not mailable.)



POTTERY BIRD BATHS.

Absolutely weather and frost proof and very ornamental. Beautiful brown color, very artistic.



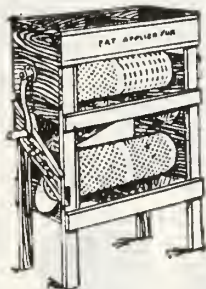
No. 700.



No. 365.

Bird Bath No. 700. 24 inches high, 17½ inches in diameter. A popular style. Price, \$6.00.

Bird Bath No. 365. 27 inches high. Bowl and pedestal joined together with an iron pipe. Very ornate. Price, \$10.00.



Corn Grader.

HORN SEEDER. Does very satisfactory work if properly used. Made by the Cyclone people. Price, \$1.00; by mail, \$1.10.

HERO CORN GRADER.

A Corn Grader that is a real grader. You should plant kernels that are all alike in size and shape if you want a perfect uniform stand. The Hero grades that way.

Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. Price, \$18.00.

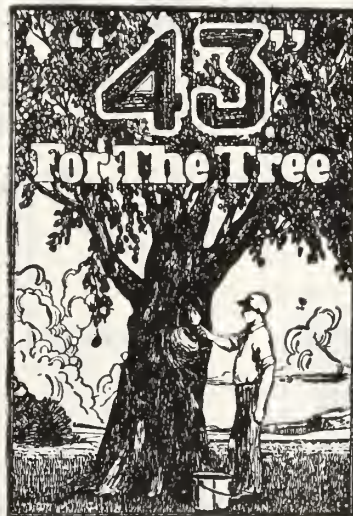
"43" FOR THE TREE.

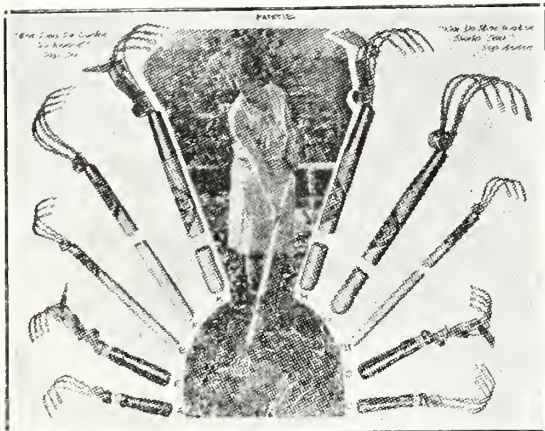
Why Let a Tree Die?

"43" For the Tree contains those acids that destroy fungi and insects. A quick, easy application forms an elastic, waterproof coat, keeping out water, air, infestation and decay.

Order Plastic "43" for cavities; order Liquid "43" to brush over pruned trees, at sawed off limbs, broken branches, surface wounds and to coat around bottoms of trees to prevent rabbits, small animals and insects from attacking the tree. Prices reduced.

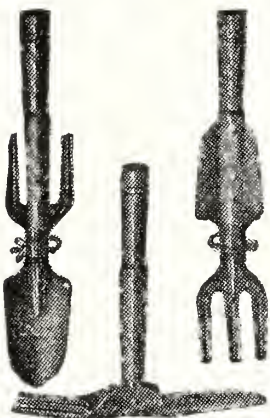
Prices, either Plastic or Liquid:
Lb. can. \$0.50; by mail, \$0.60
2½ lb. can. 1.15; by mail, 1.30
5 lb. can. 2.25; by mail, 2.50
10 lb. can. 4.35; by mail, 4.70
(Recommended by Horticulturists and Tree Surgeons.)





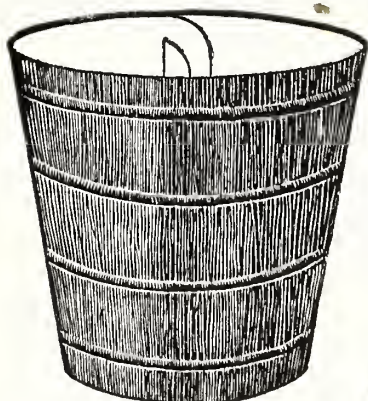
MAGIC WEEDER HOES.

- Style A. 3 tines, 9 inches long. 20c; by mail, 25c.
- Style B. 18-inch handle. 25c; by mail, 30c.
- Style B. B. 36-inch handle. 35c; by mail, 40c.
- Style C. Larger and stronger than Style A. 4 tines. 35c; by mail, 40c.
- Style D. Still larger. 11 inches long, with 1½ inch blade. 50c; by mail, 60c.
- Style E. "V" pointed blade. 50c; by mail, 60c.
- Style F. Long handle, 42 inches. Heavier than the preceding. 70c; mail, 85c.
- Style G. Larger and stronger. 48 inch handle. \$1.00; by mail, \$1.10.
- Style H. Cutting blade added. \$1.25; by mail, \$1.40.
- Style K. "V" shaped blade. \$1.25; by mail, \$1.40.



HOEFORK TROWEL.

Three tools in one, a hoe-weeder, fork and trowel. Quickly changed from one to another. 40c; by mail, 45c.



Flower Pot Cover.

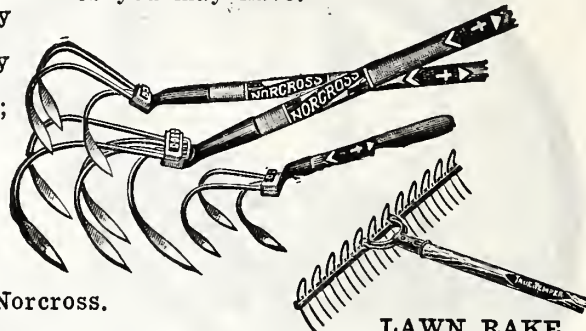
NORCROSS HOE.

The sharp tapering prongs enter the ground easily and literally tear up every inch of the soil from one to five inches deep. Every garden needs one of these tools, no matter what other hoes you may have.

- 5-prong, 4 foot handle, \$1.15; by mail, \$1.30.
- 3-prong, 4 foot handle, 85c; by mail, \$1.00.
- "Midget," 9 inch handle, 50c; by mail, 55c.



STEEL BOW GARDEN RAKE.
Finest rake made. True temper. 14-tooth, \$1.35; by mail, \$1.50.



Norcross.

LAWN RAKE.
24-Tooth, 85c; by mail, \$1.00.

GARDEN HOE.
7½-in. Socket, \$1.20; by mail, \$1.35. Shank, \$1.10 and \$1.25.

SUGAR BEET HOE, \$1.25; by mail, \$1.40.



HEAVY SPADING FORK.
True temper. \$1.75; by mail, \$1.95.

BOYS' SPADING FORK
Light. Best made. \$1.10; by mail, \$1.25.

STEEL GARDEN TROWEL.
EL, Extra Heavy, 8 inch, 20c each; by mail, 25c.
Light, 6 inch blade, 15c each; by mail, 20c.

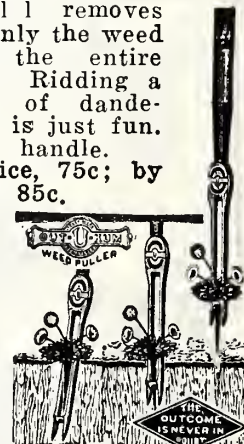
TRANSPLANTING TROWEL.
Heavy, 6½ inch blade, 20c each; by mail, 25c.
Light, 6 inch blade, 15c each; by mail, 20c.



FLORIST'S SPADING FORK.
25c each; by mail, 30c.

"OUT-U-KUM" WEED PULLER.

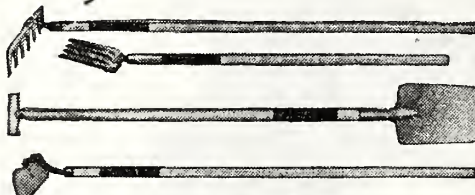
New principle. A slight push and pull removes not only the weed but the entire root. Ridding a lawn of dandelions is just fun. Long handle.
Price, 75c; by mail, 85c.



Price, 20c; by mail, 25c.

CONCAVE POTATO KNIFE.

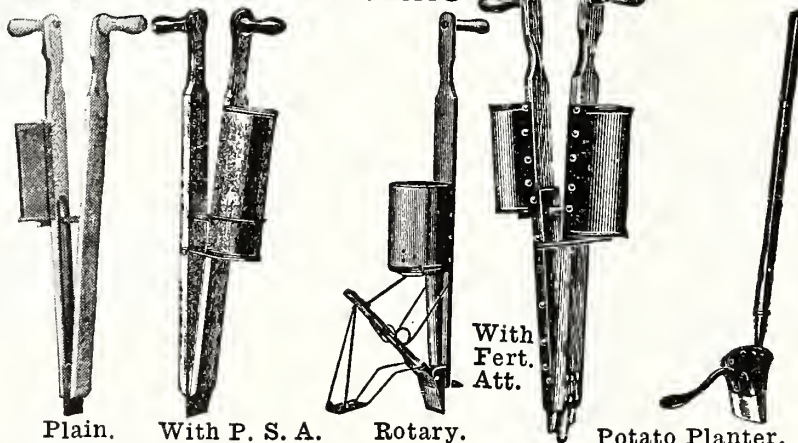
Cuts to one eye. Pieces never stick together. 35c; 3 for 90c, postpaid. (See page 25.)



4-PIECE GARDEN SET.

(For the boys and girls.)
Price, the set, 75c; by mail, 95c.

ACME HAND PLANTERS.



Plain. With P. S. A. Rotary. Potato Planter.

Corn Planter, Plain. Accurate. \$1.25; by mail, \$1.40.

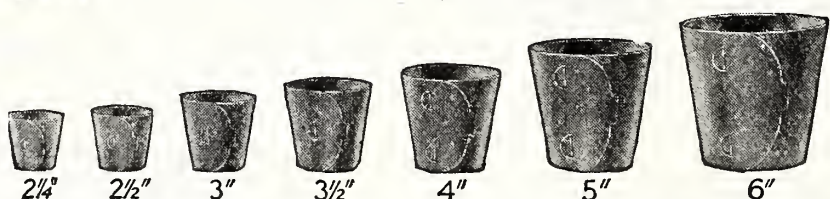
Corn Planter, with Pump. Seed Att. \$1.30; by mail, \$1.45.

Corn Planter, with Fert. Attachment. \$2.60; by mail, \$2.75.

Corn Planter, Rotary. Automatic. \$2.50; by mail, \$2.65.

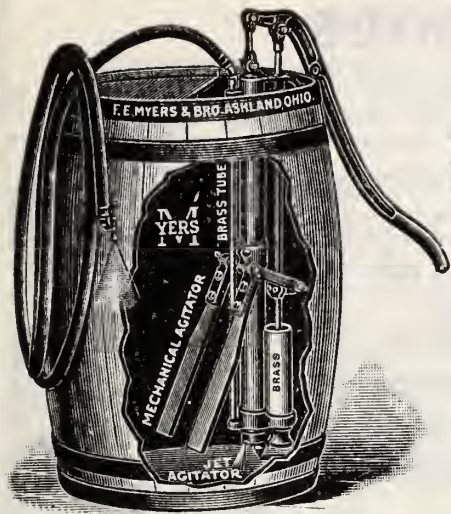
Potato Planter. Stick planter. \$1.15; by mail, \$1.30.

Bird's IMPROVED NEPONSET Flower Pots



Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots.

	25	100	25	100	1,000
2 ¼-inch	\$.20	\$0.65	\$0.15	\$0.55	\$4.50
2 ½-inch	.25	.75	.20	.65	5.25
3-inch	.30	.95	.25	.80	6.75
3 ½-inch	.35	1.15	.30	.95	8.25
4-inch	.45	1.30	.40	1.20	10.50
5-inch	.70	2.10	.55	1.80	16.00
6-inch	.90	2.85	.70	2.40	21.00



Byers Barrel Spray Pump.

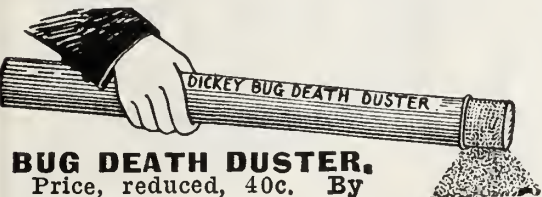


Bucket Pump.



FEENEY DUST GUN.

For applying Bug Death, Slug Shot and all other dry powder. Cheaper than spraying and effective under the leaves. Price, \$1.00; by mail, \$1.10.



BUG DEATH DUSTER.
Price, reduced, 40c. By mail, 50c.



"HUMANE" DEHORNING PENCIL.

The value of a calf is greatly increased by dehorning. The brutal method of sawing off the horns is obsolete. Check the growth of horns in young calves with our "Humane" Dehorning Pencil. One application does the work. Does not injure the calf and is entirely painless. Each pencil will dehorn from 15 to 20 calves. Satisfaction absolutely guaranteed. Price, 60c per pencil; 3 for \$1.50, postpaid.

RAT-SCENT



RAT SCENT.

A New Discovery.

Sure death to rats and mice, also gophers, but harmless to chickens. Dogs and cats will not eat it. No bait to mix. No odor from dead rats or mice. Lasts indefinitely and never gets mouldy or wormy. Prices, 35c and 50c per box. Not mailable.

DUBAY SEED DISINFECTANTS.

SEMESAN JR. For Corn. See page 9.
SEMESAN BEL. For Potatoes. Page 25.
CERESAN. For Oats. See page 16.

MYERS BARREL SPRAY PUMP.

The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is, we believe, the best on the market.

Price, complete with 15 feet of hose. Bordeaux nozzle and Mechanical Agitator, but not including barrel, \$14.00.

LITTLE GIANT BUCKET PUMP.

Made of brass with ball valves.

Price, Complete with hose and Bordeaux nozzle, \$5.00; by mail, \$5.25.

HUDSON PERFECTION SPRAYER.

For general high pressure purposes the Hudson Perfection is the very best. Easily operated and very satisfactory for spraying, disinfecting or whitewashing. Capacity, 4 gallons. Price, galvanized, \$6.75; brass, \$10.95.

JUNIOR HUDSON SPRAYER.

Similar to the Hudson Perfection but smaller. Capacity, 2½ gallons. Price, galvanized, \$5.00; brass, \$8.25.

SULPHO TOBACCO SOAP.

For spraying plants, shrubs, trees, vines. 3-oz. cake, makes 1½ gallons, 15c; by mail, 20c; 8-oz. cake, 25c; by mail, 30c.

LENOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays. The Lenox is most serviceable for house and garden.

Price (including a cake of tobacco soap), \$1.00, postpaid. Extra Bulbs, 40c each.

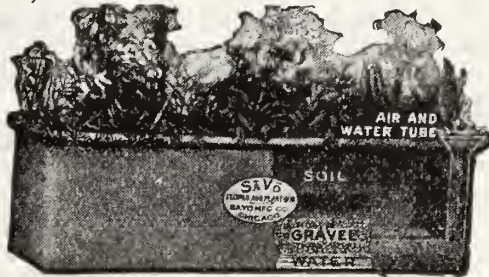
SUNOCO SPRAY OIL.

For San Jose scale, Elm and Maple scale and all other scales on fruit and shade trees. Also effective for aphids and mites.

Prices: 1 gal., \$1.25; 5 gals., \$5.00; 50 gals., 48c per gal. (Containers free.)

ENOZ MOTH LIQUID SPRAYER.

A finely finished sprayer for use in the house. Price, reduced from \$1.00 to 60c; by mail, 70c.



SAVO SELF WATERING FLOWER AND PLANT BOXES.

For Windows, Porches and Inside Use.

Made of the best galvanized steel, enameled finish. The water reservoir in the bottom of the box filled from a tube in one corner keeps plants healthy and fresh by absorbing from below the exact amount of water needed.

Model A,	8x9½x23 inches.....	\$3.00
Model B,	8x9½x29 inches.....	4.00
Model C,	8x9½x35 inches.....	4.50
Model D,	8x9½x41 inches.....	5.00

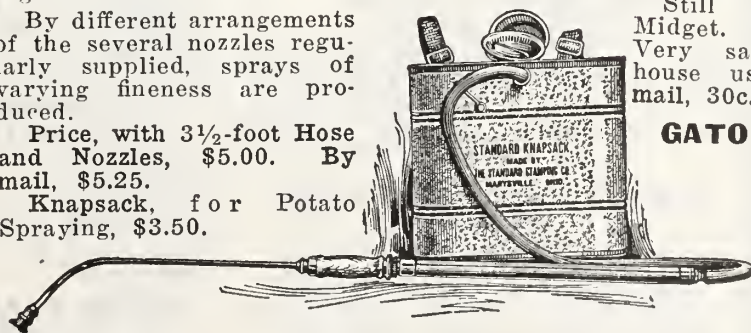
ARMSTRONG STANDARD SPRAY PUMP.

Ideal for spraying insecticides, for white-washing, for spraying disinfectants, for fire protection, for washing windows, for washing autos.

By different arrangements of the several nozzles regularly supplied, sprays of varying fineness are produced.

Price, with 3½-foot Hose and Nozzles, \$5.00. By mail, \$5.25.

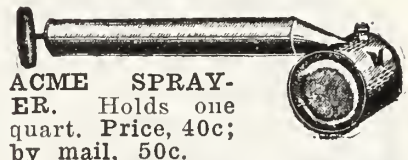
Knapsack, for Potato Spraying, \$3.50.



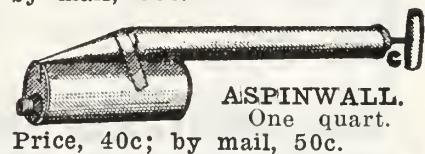
Armstrong Standard Pump with Knapsack.



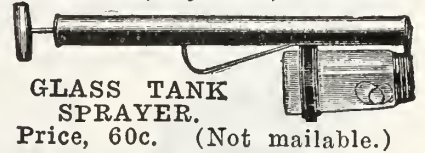
Lenox Sprayer.



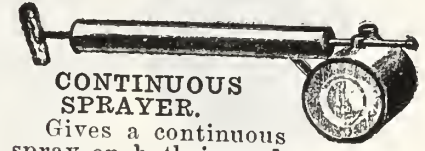
ACME SPRAYER. Holds one quart. Price, 40c; by mail, 50c.



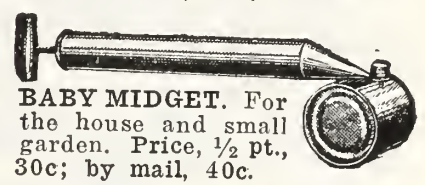
ASPINWALL. One quart. Price, 40c; by mail, 50c.



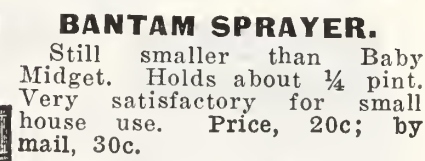
GLASS TANK SPRAYER. Price, 60c. (Not mailable.)



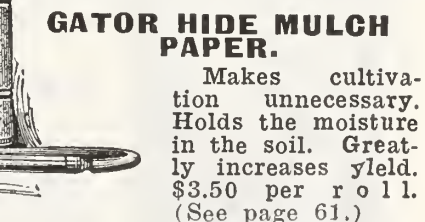
CONTINUOUS SPRAYER. Gives a continuous spray on both in and out stroke. Price, 70c; by mail, 80c.



BABY MIDGET. For the house and small garden. Price, ½ pt., 30c; by mail, 40c.



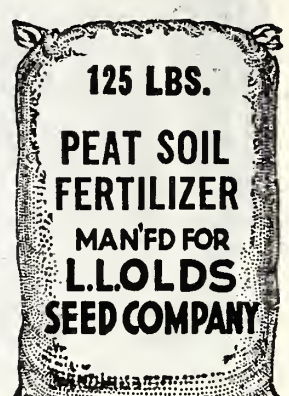
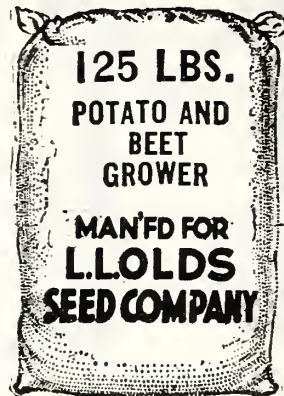
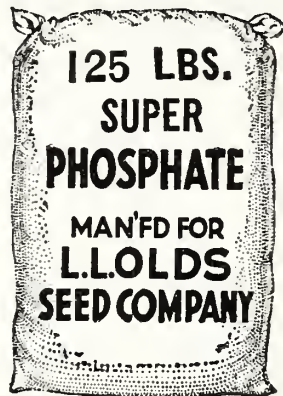
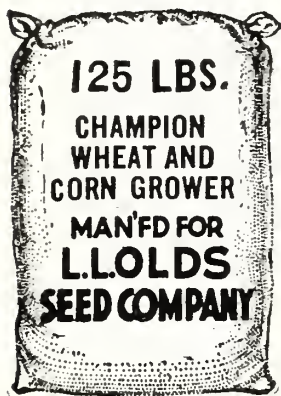
BANTAM SPRAYER. Still smaller than Baby Midget. Holds about ¼ pint. Very satisfactory for small house use. Price, 20c; by mail, 30c.



GATOR HIDE MULCH PAPER. Makes cultivation unnecessary. Holds the moisture in the soil. Greatly increases yield. \$3.50 per roll. (See page 61.)

FERTILIZERS AND PLANT FOODS

We handle the celebrated "Red Steer Fertilizers," from Swift and Company. Also "AA Quality" Fertilizers. You can greatly increase the yield and the quality of your crops by using fertilizers. The use of fertilizer in Wisconsin has increased 20 fold in 20 years, jumping from 2,000 tons in 1910 to 40,000 tons in 1929.



CHAMPION WHEAT AND CORN GROWER. (2-12-2) A high grade complete fertilizer for corn and all grain crops, especially where the soil is thin. 125 lbs., \$2.50; 1,000 lbs., \$17.50; 2,000 lbs., \$33.85.

SPECIAL CORN FERTILIZER. (4-16-4) Used now by the best corn farmers. More economical than 2-12-2 because of higher analysis. 125 lbs., \$3.65; 1,000 lbs., \$25.00; 2,000 lbs., \$48.40.

TRUCK GARDENERS' SPECIAL. (4-8-6) A highly concentrated fertilizer for potatoes, truck and garden crops. Strong in nitrogen and potash. Potatoes and truck crops are heavy feeders of plant food, so for the best results use this high grade brand. It pays. 25 lbs. \$1.00; 125 lbs., \$3.20; 1,000 lbs., \$22.00; 2,000 lbs., \$43.05.

SUPER PHOSPHATE. (0-20-0) For use in supplementing farm manure. Use 50 lbs. to each load of manure or apply separately 100 to 300 pounds per acre. 125 lbs., \$2.25; 1,000 lbs., \$16.25; 2,000 lbs., \$31.65.

POTATO AND BEET GROWER. (2-12-6) Specially recommended for potatoes and for sugar beets. Also fine for tobacco. Strong in phosphoric acid and in potash. 125 lbs., \$3.00; 1,000 lbs., \$20.00; 2,000 lbs., \$38.55.

TOBACCO SPECIAL. (2-12-6) Same analysis as the preceding but prepared differently, specially for tobacco. Contains Sulphate of Potash. 125 lbs., \$3.10; 1,000 lbs., \$20.75; 2,000 lbs., \$40.05.

PEAT SOIL FERTILIZER. (0-12-12) For marsh lands. 125 lbs., \$2.90; 1,000 lbs., \$19.50; 2,000 lbs., \$37.85.

BONE MEAL. (1-29-0) For roses, shrubbery and flowers. Also fine for lawns. Use 3 to 5 pounds per 100 square feet or for plants one pound to 50 pounds of soil. 25 lbs., \$1.00; 125 lbs., \$3.50; 1,000 lbs., \$23.50.

ARCADIAN SULPHATE OF AMMONIA. (20-0-0). A wonderful fertilizer for lawns and gardens. 10 lbs. 75c; 25 lbs., \$1.50; 100 lbs., \$5.00; 200 lbs., \$9.50; 1,000 lbs., \$42.00; 2,000 lbs., \$81.50. (In 200 lb. sacks.)

ARCADIAN NITRATE OF SODA. (16 1/4-0-0). Very valuable for fruit trees and tobacco plants. 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$4.75; 200 lbs., \$9.00; 1,000 lbs., \$40.00; 2,000 lbs., \$78.50. (In 200 pound sacks.)

(Our Fertilizers, except Sulphate of Ammonia and Nitrate of Soda, are put up in 125 pound sacks. The analysis figures refer to the percentage of each brand—first, nitrogen, second, available phosphoric acid, third, potash. Prices are subject to change. Write for prices when ready to buy as at the time our catalog goes to press prices are not established. We are using here prices of last year.)

OTHER BULLETINS, Free on Application. "Fertilizing Corn," "Fertilizing Potatoes," "Fertilizing Small Grains," "Yes, It Pays," "How to Get the Most Out of Fertilizers," "Getting a Stand of Alfalfa."

Ask for "PLANT FOOD," a 64-page illustrated book, by Wm. H. Bowker, telling all about fertilizers.

PULVERIZED SHEEP MANURE.

A pure natural manure taking effect immediately. Very rich in nitrogen, phosphoric acid and potash, the three essentials. No straw or other refuse as in crude manure. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick and most satisfactory.

Prices: 5 lbs., 35c; 10 lbs., 45c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00; 500 lbs., \$9.50; 1,000 lbs., \$18.50; 2,000 lbs., \$36.00. (Prices do not include postage.) (Folder "The Ideal Fertilizer.")

SUPERIOR LIMESTONE.

For Lawns and Gardens. Makes a rich, dark green, velvety lawn and is equally valuable for gardens.

Use 100 pounds for every 600 square feet of lawn or garden. 25 lbs., 35c; 100 lb. sack, \$1.00; 500 lbs., \$4.25.



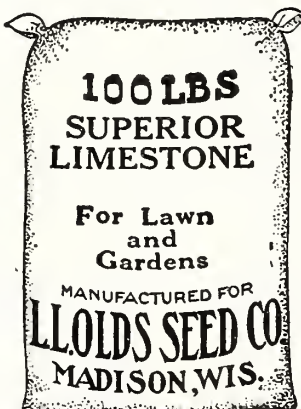
FEED-EM.

A valuable, well-balanced plant food. 4 oz. size, 30c; 8 oz. size, 50c, postpaid.

WATCH-EM GROW PLANT FOOD.

Odorless, soluble, highly concentrated, quick-acting.

Large trial package, 10c, postpaid. Return empty package for 10c credit on large can. Big eight ounce can only 50c, postpaid.



VIGORO

Specially Prepared Plant Food.

Enjoy better lawns, flowers, and gardens by using Vigoro.

Vigoro, the complete, scientifically prepared plant food, contains all the nourishment necessary to produce thick, velvety-green lawns; large, richly colored flowers; early, delicious vegetables; and healthy, full-foliaged trees.

VIGORO provides an economical, practical, and effective way to secure finest results. Economical because the cost is only 10c to 20c for every 100 square feet. Practical because it is clean, odorless, easy to apply—can be sown by hand like grass seed. Effective because it contains all of the necessary elements of plant food. Complete directions in every bag.

Prices: 12-oz. pkg., 10c; by mail, 15c; 5-lb. pkg., 50c; by mail, 75c; 25-lb. bag, by freight, \$1.75; 50-lb. bag, \$3.00; 100 lbs., \$5.00.

STIM-U-PLANT.

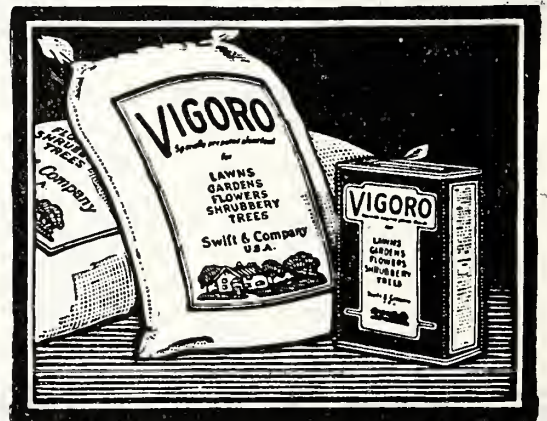
An All-The-Year Fertilizer for Garden and House Plants.

Simply insert tablet in soil near base of plant.

Postpaid prices: 10 tablets, 15c; 30 tablets, 25c; 100 tablets 75c; 1,000, \$3.50.

OYAMA PLANT FOOD.

25c; by mail, 30c. (Not licensed in Wisconsin.)



INSECTICIDES AND FUNGICIDES



DRY ARSENATE OF LEAD. For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage. The dry form is superior to the paste, and used more and more in place of Paris Green. Prices: ½ lb., 25c; 1 lb., 45c; 4 lbs., \$1.15; 24 lbs., \$5.50; 96 lbs., \$20.00.

DRY CALCIUM ARSENATE. Used in the same manner and for the same purposes as Arsenate of Lead, but costs less and is still more effective. ½ lb., 25c; 1 lb., 40c; 4 lbs., \$1.00; 24 lbs., \$4.50; 100 lbs., \$16.00.

DRY BORDEAUX MIXTURE. The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Spray potatoes for blight. One pound will make 50 pounds liquid. Can be used just as needed. Prices: ½ lb., 25c; 1 lb., 45c; 4 lbs., \$1.10; 25 lbs., \$5.50; 50 lbs., \$9.50.

DRY LIME SULPHUR. For San Jose scale and common spray. Just as effective as the lime sulphur solution and more easily handled. 1 lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.50; 25 lbs., \$4.50; 100 lbs., \$15.00.

ALL ROUND SPRAY. A combination, "one shot," spray. Contains Nicotine Sulphate, for sucking insects, Arsenate of Lead, for chewing insects and Bordeaux Mixture, for fungous diseases. ¼ lb., size, 45c; 1 lb., 95c.

PYROX. For spraying potatoes, fruit and garden crops. Lb., 50c; 5 lbs., \$1.90; 10 lbs., \$3.25; 25 lbs., \$6.75.

"SURE NOXEM." For use on potatoes, cabbage, cauliflower, cucumbers, melons, tomatoes, currants, gooseberries and all others vegetables and shrubs. Kills all insects. Pound carton, (sifter top) 25c; 5 lb. bag, 75c; 100 lbs., \$10.00.

FORMALDEHYDE. For preventing smut in grain, scab on potatoes, etc. 1 lb., (treats 40 bushels) 40c.

NOTICE. All of the above are poisons and not mailable. Special prices in quantity. Ask for "Spray Guide."



Shot is not now mailable.)

SLUG SHOT.
Hammond's Slug Shot for currant worms, potato bugs, cabbage worms, etc. A fungicide as well as insecticide.
Prices: 1 lb. carton with sifter top, 25c; 5 lbs., 75c; 10 lbs., \$1.40; 25 lbs., \$3.00; 125 lb. keg with duster, \$13.00; 250 lb. barrel with duster, \$25.00. (Slug



BUG DEATH.
Does not burn the leaves. Kills bugs and prevents blight.
Prices: 1 lb. carton with sifter top, 25c; by mail, 35c; 5 lbs., 75c; by mail, \$1.00; 12½ lbs., \$1.60.

CRO-TOX.

For the protection of seed corn against crows. Also effective against gophers and blackbirds. It is non-poisonous and easily applied. Simply mix with the corn before planting. Costs only 15 to 20 cents per acre. Money refunded if not satisfactory.

Small can, treats one bushel, \$1.00; by mail, \$1.10. Large can, treats two bushels, \$1.50; by mail, \$1.60.



Antrol

Kills Ants in the Nest



Composed of small glass containers with a special syrup.
Prices: Antrol Set, containing 4 containers and 4 oz. bottle of syrup, 95c. Extra Containers, 15c each. Antrol Syrup: 4 oz. bottle, 45c; pint, 95c; gallon, \$3.75. Not mailable.

THE NATIONAL PEST CONTROL.

Quickly destroys all species of sweet eating ants. Kills cutworms, sowbugs, grasshoppers, slugs, snails, earwigs, etc. Snarol is a ready prepared meal that you broadcast on the ground.

Prices: Lb. pkg., 45c; 3 lbs., 95c; 15 lbs., \$3.50. Not mailable.

Snarol

Quickly Kills Garden Pests



Ced-o-flora

PLANT SPRAY
REGISTERED TRADE MARK

A reliable spray for flowering plants. Quickly destroys mealy bugs, red spiders, scale, aphids and other plant pests. Gives the plants immediate relief. Try it on your house plants and also outdoor plants.

Prices: 3 oz. size, 35c; by mail, 40c; 8 oz. size, 70c; by mail, 75c.

BLACK LEAF 40. A powerful and effective liquid insecticide, for use against aphids, thrips and leafhoppers. Prices: 1 oz. 35c; ½ lb., \$1.25; 1 lb., \$2.50; 2 lbs., \$3.75; 5 lbs., \$7.00; 10 lbs., \$11.85. Not mailable.

BLACK LEAF NICOTINE DUST. For aphids. Prices: 5 lbs., \$1.00; 25 lbs., \$3.50; 100 lbs., \$12.00.

Use **EVER GREEN** to PROTECT YOUR GARDEN
NON-POISONOUS INSECTICIDE

Evergreen is effective against cabbage worms, cucumber and melon beetles, aphids, leaf hoppers, currant worms and most other insects, both chewing and sucking.

Harmless to man and beast. Easily applied with any sprayer. One ounce makes six gallons of spray. Does not burn leaves.

Prices: 1 oz. size, 35c; by mail, 40c. 6 oz. size, \$1.00; by mail, \$1.05. 16 oz. size, \$2.00; by mail, \$2.10. 32 oz. size, \$3.85; by mail, \$4.00. Gallon size, \$13.00.



Sheep's Plant Spray Kills Bugs

This non-poisonous spray gives positive protection against both sucking and chewing insect pests, including aphids, thrips, green flies, white flies, mealy bugs, worms, caterpillars and others. Harmless to humans, birds, animals and pets. Easiest spray to mix—no soap solution, perfect emulsion—20 seconds from bottle to plant.

Prices, postpaid:

2-oz. bottle, (makes 4 gals.) 35c.
8-oz. bottle, (makes 16 gals.) 75c.
Pint bottle, (makes 32 gals.) \$1.25.
Quart can, (makes 64 gals.) \$2.00.

SODIUM CHLORATE.

For weed eradication. Present price, (subject to change) \$12.00 per 100 lb. drum. Write for prices later.

POULTRY FEEDS, SHELLS, GRIT

OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, sunflower, barley and buckwheat. No grit. Duly analyzed and licensed. Made by us right here at Madison. Prices: 10-lb. sack, 30c; 100-lb. sack, \$2.15; 3 sacks at \$2.05.

OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food also made by us, suitable for chicks from 4 to 8 weeks old. It contains cracked wheat, cracked corn, hulled oats, millet, etc., but without grit.

Prices: 10-lb. sack, 30c; 100-lb. sack, \$2.50; 3 sacks at \$2.40.

(Prices on poultry and chick food are subject to change. Ask for "Weekly Price List of Poultry Feeds and Supplies.")

FOS-FOR-US

POULTRY MINERALS.

Makes hard-shelled eggs and big-boned chicks. Takes the place of bonemeal, oyster shells and ordinary grit. Analysis, 70% Carbonate of Lime, 22% Tri-Calcium Phosphate.

Illinois Poultry Bulletin No. 336 says: "Fos-For-Us builds stronger egg shells than oyster shells and limestone grit."

10 lbs., 25c; 100 lb. sack, \$1.75; 3 sacks at \$1.70. Meal: 10 lbs., 25c; 100 lb. sack, \$2.00; 3 sacks at \$1.95.

REEF BRAND OYSTER SHELLS.

Nationally advertised brand. Cleaner and better than any other shells. Best obtainable. 100-lb. sack, \$1.05; 3 at \$1.00.

CONKEY'S BUTTERMILK STARTING FEED.

Gives the chicks buttermilk in concentrated form. It is all the chicks need the first 8 weeks except greens, grit, clean water and Old Gold Chick Food. Now contains Y-O already mixed in.

Prices: 10 lbs., 70c; 25 lbs., \$1.35; 100 lbs., \$4.50. (Postage extra.)

CONKEY'S BUTTERMILK GROWING MASH.

For developing pullets and broilers. It is not enough to start a chick right—it is equally essential to help it to maturity. Buttermilk Growing Mash Vitalized with Y-O is the ideal feed after the eighth week.

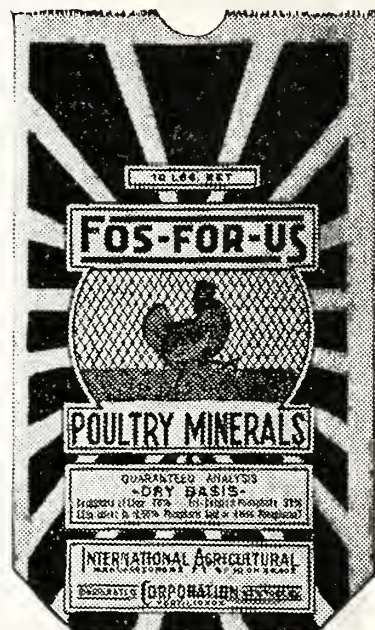
Prices: 10 lbs., 50c; 25 lbs., 95c; 100 lbs., \$3.15.



YEAST WITH COD LIVER OIL

Prices: 1 lb., 55c; by mail, 65c; 2 lbs., \$1.00; by mail, \$1.15; 5 lbs., \$2.00; 25 lbs., \$7.50; 100 lbs., \$22.50.

—94—



POULTRY GRAINS.

(Prices subject to change. Write for Weekly Price List.) Per 100 lbs.

Feed Wheat	\$1.75
Cracked Wheat	1.90
Cracked Corn, coarse	2.10
Cracked Corn, fine	2.20
Sunflower	6.00
Feed Millet	2.50
Steel Cut Oat Meal	3.00

"GOLD LEAF" TOBACCO POWDER.

Controls round worms. 2 lbs., 25c; by mail, 35c; 10 lbs., 85c; 100 lbs., \$6.50.

SWIFT'S MEAT SCRAPS.

Great for eggs. Feed 3 times a week, one ounce to each fowl.

Prices: 10 lbs., 55c; 25 lbs., \$1.10; 50 lbs., \$2.05; 100-lb. sack, \$3.85.

SWIFT'S SPECIAL BONE MEAL.

Prices: 25 lbs., 80c; 50 lbs., \$1.45; 100 lbs., \$2.65.

BLATCHFORD'S CHICK MASH.

Sixteen essential ingredients in this high-grade growing mash. Makes rapid growth.

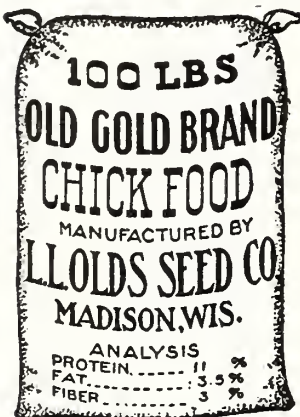
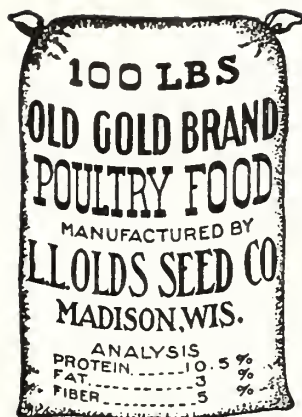
Prices: 4 lbs., 40c; 25 lbs., \$1.25; 100 lbs., \$4.10.



2 1/4 lbs. at 8 weeks!

SWIFT'S POULTRY BONE MEAL.

Prices: 25 lbs., \$1.00; 50 lbs., \$1.85; 100 lbs., \$3.40.



MAKE YOUR HENS LAY MORE EGGS



PEARL GRIT.

Pearl Grit is almost pure calcium and this is what the hen needs to do her best work in turning out eggs.

Also fine for baby chicks. Prof. J. G. Halpin says "The first thing to feed chicks is grit."

Prices: either chick size or poultry size: 10-lb. carton, 25c; 100-lb. sack, 90c; 3 sacks at 85c.

DON SUNG.



(Chinese for Egg Laying). Makes Hens Lay. Acts directly on the egg-laying organs.

Small Size (enough for 15 hens one month), 50c, postpaid; Dollar Size (3 times 50 cent size), \$1.00; Large Size, \$5.00, postpaid.

ALFALFA MEAL.

For mashes and mixing with feeds. No. 1 Medium: 10 lbs., 25c; 100-lb. sack, \$1.95; 3 sacks at \$1.85.

No. 1 Fine: 10 lbs., 25c; 100-lb. sack, \$2.10; 3 sacks at \$2.00.

GRANULATED CHARCOAL.

50-lb. sack (two sizes, poultry and chick), \$1.10; 100 lbs., \$2.10.



PEAT MOSS

Put up in tightly bound bales weighing 130 to 140 pounds each. A bale when opened up will measure about 20 bushels and will cover an area of 360 square feet an inch deep.

Coarse, for Stable Bedding, (also preferred by some for poultry houses). Bale, \$3.20.

Medium, for Poultry Litter, Bale, \$3.25.

Fine, Horticultural, (for improving soils, mulching, lawns, golf courses and seed beds). Bale, \$3.35.

CONKEY'S REMEDIES



Roup Remedy. The old standby. 25c, 50c and \$1.00; 30c, 55c and \$1.10, postpaid.

Balmo. (Canker Special.) 50c; 55c, postpaid.

Head Lice Ointment. 10c, 25c; 15c, 30c, postpaid.

Poultry Worm Remedy. 50c; 60c, postpaid; 5 lbs., \$2.75; by mail, \$3.00.

Mite Liquid. Qt., 60c; 2 qts., 90c; 1 gal., \$1.50.

Poultry Tonic. 1½ lbs., 25c; by mail, 35c; 3¼ lbs., 50c; by mail, 70c; 7 lbs., \$1.00; 25 lbs., \$3.00.

Lice Powder. 5 ozs., 20c; by mail, 25c; 15 ozs., 35c; by mail, 40c; 48 ozs., 75c; by mail, 95c.

Noxicide. A wonderful disinfectant and germicide. Pt., 50c; qt., 80c. Not mailable.

Fly Knocker. For stockmen and dairymen. Qt., 60c; 2 qts., 90c; gal., \$1.50; 5 gals., \$7.25. Not mailable.

FREE, with order of \$1.00, Conkey Poultry Book.

PRATT'S REMEDIES



PRATT'S POULTRY REGULATOR.

Pkgs., 25c and 50c; 35c and 65c, postpaid; 12-lb. pkg., \$1.40; 12-lb. pail, \$1.65; 25-lb. bag, \$2.60; 100-lb. bag, \$9.50. Large sizes, postage extra.

Pratt's R. P. Tablets, 25c and 50c, postpaid.

Pratt's N. K. Tablets. (Poultry Worm Tablets.) For fowls: 50 tablets, \$1.00; 100 tablets, \$1.75; 500 tablets, \$7.00. For chicks: 50 tablets, 65c; 100 tablets, \$1.00; 500 tablets, \$4.50. All postpaid.

Pratt's Chick Tablets. (Formerly White Diarrhea Remedy.) 25c and 50c, postpaid.

Poultry and Stock Disinfectant. Kills germs. Pint, 40c; qt., 60c; 2 qts., \$1.00; gal., \$1.60. Not mailable.

Red Mite Special. Qt., 60c; 2 qts., \$1.00; gal., \$1.60.

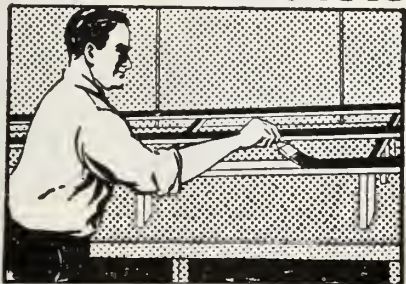
Powdered Lice Killer. 5 ozs., 12c; by mail, 17c; lb., 25c; by mail, 30c; 2½ lbs., 50c; by mail, 60c.

Pratt's Poultry Worm Powder. 50c and \$1.00; by mail, 60c and \$1.15.

Pratt's Fly Chaser. Gal., \$1.30; 5 gals., \$6.00.

Write for free Pratt booklets.

'PAINT' THE ROOSTS



WITH "BLACK LEAF 40"

BLACK LEAF 40.

Kills poultry lice. Just paint it on the roosts. A half pound size will treat 100 running feet of roost. While chickens roost fumes are slowly released and penetrate the feathers, killing the lice. Eliminates individual handling of birds. Very effective and largely used now.

Prices: 1 oz., 35c; ½ lb., \$1.25; 1 lb., \$2.50; 2 lbs., \$3.75; 5 lbs., \$7.00; 10 lbs., \$11.85. Not mailable.



FLEX-O-GLASS. 5 yards, \$1.60; by mail, \$1.75; 10 yards, \$3.00; by mail, \$3.25. 50 yards at 29c, not prepaid.

GYMACO DRY MASH FEEDER. For all kinds of dry feed. Made of steel. Price (reduced), 24 inch, capacity 1 bu., \$2.50.

Cymaco Feeder.

RELIABLE COAL BURNING BROODERS.

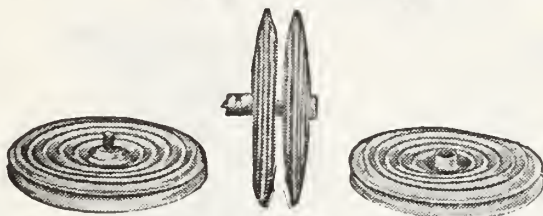


Will burn coal or coke and can be used in any kind of building in any weather. Has all the latest improvements including Automatic Regulator, which insures a steady heat and saves fuel. Fully guaranteed.

Prices reduced for 1931.

No. 9—42 inch canopy, 500 chicks.....\$14.75
No. 10—52 inch canopy, 1000 chicks..... 18.50
No. 22—60 inch canopy, 1200 chicks..... 22.50

WAFFER THERMOSTATS.



Wafer Thermostats.

For any incubator or brooder. Made of special tempered brass, sensitive, accurate, and durable. Made double.

Price, 50c, postpaid.

GANTTER WATER FOUNTAIN.

A new style 12 hole Baby Chick Water Fountain, made to fit any one or two-quart jar. The chicks cannot get into it. Galvanized iron. Without jar, 35c; by mail, 45c.

GANTTER BUTTERMILK FEEDER.

Same as the Gantter Water Fountain except made of charcoal tin instead of galvanized iron. Buttermilk flows freely. No clogging. Without jar, 35c; by mail, 45c.

Gantter Fountain.

SPIRALET LEG BANDS.

(Celluloid). Colors, light blue, dark blue, red, pink, yellow, black, amber, green and white. Mention the colors preferred. Three sizes: Asiatic, American, Leghorn: 25, 30c; 100, 85c, postpaid.

(Spirals also for pigeons and for bantams at the same price.)



SPIRALET NUMBER CLIPS.

Aluminum with large embossed figures. Easily and quickly put on the spiralets. Will stay on. Two sizes. Prices, either size, 12, 20c; 25, 35c; 100, \$1.00, postpaid.

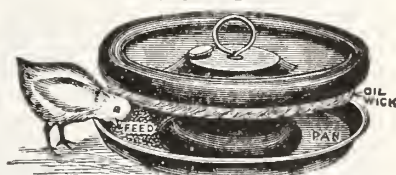
BANDETTES.

A new style of celluloid leg band numbered consecutively. 5 colors—blue, red, yellow, green and pink. 3 sizes—Asiatic, American, Leghorn. Box of 25, 65c; 4 boxes, \$2.00, postpaid. (Name size and color wanted.)

Double Clinch Leg Bands: 12 for 18c; 25 for 30c; 100, 80c, postpaid.

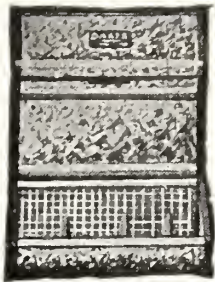


POULTRY PUNCH.
30c, postpaid.



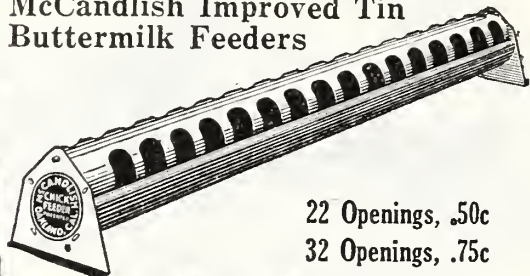
AUTOMATIC CHICK GREASER.

Every chick his own doctor. As he eats his head is thoroughly greased. Price, only \$1.25; by mail, \$1.40.



IMPROVED HANDY HOPPER.
Hinged lid keeps out rats and mice. Has swinging front adjustable to suit any kind of dry mash. Prices reduced.
No. 13. Length 18 inches, \$2.00
No. 14. Length 24 inches, 2.50
No. 15. Length 36 inches, 3.50

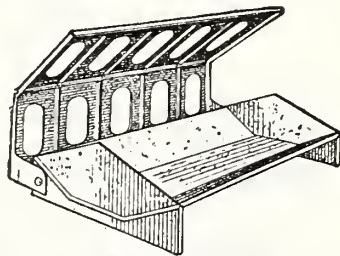
McCandlish Improved Tin Buttermilk Feeders



22 Openings, .50c
32 Openings, .75c

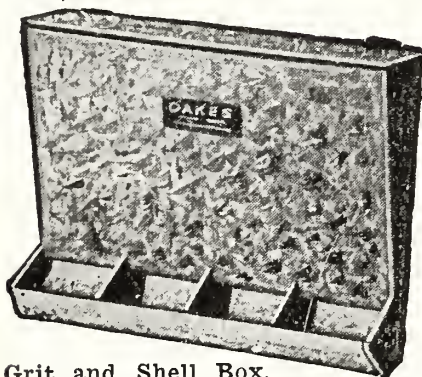
McCandlish Buttermilk Feeder.

Prices reduced: 22 openings, 20 inches long, 50c; by mail, 60c. 32 openings, 30 inches long, 75c; by mail, 85c.



McCandlish Chick Feeder.

Also used for drinking. Made of galvanized iron. The revolving top rod prevents perching. Prices reduced: 20 in., 40c; by mail, 50c; 30 in., 60c; by mail, 70c.



Grit and Shell Box.

CYMACO CHICK TROUGH. 10 inch, 25c; by mail, 35c. 20 inch, 35c; by mail, 45c.

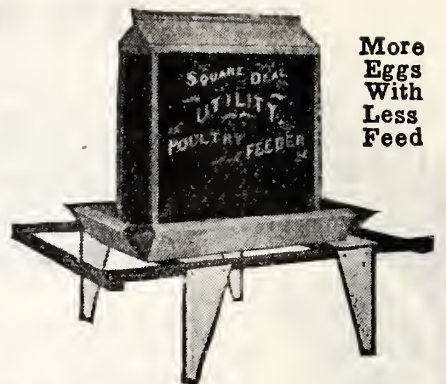
GRIT AND SHELL BOX. For grit, shells and charcoal. Steel, 4 compartments. Poultry size, \$1.00.

AUTOMATIC CHICK FOUNTAIN. Made to fit fruit jar. Pan style. Price, reduced, 10c; by mail, 15c.

SELF-LOCKING EGG CARTONS.
12, 25c; by mail, 30c;
100, \$1.75; 1,000, \$15.00.

UTILITY POULTRY FEEDER.

The last word in poultry feeders. For all kinds of feed. Frame 42x30, feeder 42 inches high. Holds 100 pounds of mash. Total feeding space of 9 feet. Substantially made, well finished. Price, \$6.50.



More Eggs With Less Feed

LAWN PARK COOP.

A handsome parking coop that will telescope. Made of galvanized metal. Price, reduced, \$3.50.

NON-PARKING BROOD COOP. Similar to the preceding without park.

Price, \$1.50.



IT TELESCOPES

ALL SEASONS FOUNTAIN.

Keeps water warm in winter and cool in summer. Non-freezing. No fire. No lamps. No danger. No trouble. No upkeep. Double walls. Absolutely sanitary.

2 gal. size, \$3.50; 3 gal. size, \$4.00.

COLUMBUS FREEZE L E S S FOUNTAIN. Holds 2 gals. Price, reduced, \$3.00.

I M P R O V E D D R O P B O T T O M F O U N T . 2 qt. size, \$1.00; 1 gal. size, \$1.25.

RAT CORN. Kills rats and mice. Harmless to live stock. Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.



REG. U.S. PAT. OFF. **KILLS RATS AND MICE** WITHOUT ODORS

INDEX

Page	Page	Page	Page	Page
Alfalfa.....4, 5	Chinese Wool Flower...68	Garden Labels.....90	Nitragin.....5, 33, 53	Salsify.....59
Alsike.....2	Chives.....51	Garlic.....51	Nursery Stock.....84, 87	Salpiglossis.....72
Alyssum, Antirrhinum..66	Chrysanthemums...67, 83	Geraniums.....69, 82, 83	Oats.....14-17	Salvia, Scarlet Runner..72
Apple Trees.....85	Cinnamon Vine.....78	Gladoli.....74, 75	Okra.....43	Scabiosa.....64, 72
Aquilegia, Ageratum..66, 80	Clover Seed.....2, 3	Godetia, Gomphrena..69	Onion, Onion Sets...50, 51	Schizanthus.....72
Asparagus.....31	Cobaea Scandens...68	Gourds.....43, 69	Onion Plants.....51	Seeders.....88, 89
Aster.....65	Coreopsis.....66, 80	Grapes.....86	Orchard Grass.....6	Semesan.....9, 25, 38, 47, 74
Baby's Breath.....69, 80	Corn, Field.....8-13	Grass Seeds.....6, 7		Shrubs.....84
Bachelors Button.....66	Corn, Sweet.....40, 41	Gypsophila.....69, 80		Shade Trees.....86
Balsam.....66	Cosmos.....63, 68	Hedge Plants.....84		Slug Shot.....93
Barberry.....84	Coxcomb.....68	Heliotrope.....69		Smilax, Stocks.....72
Barley.....17, 18	Crabs.....85	Herbs.....43		Snapdragon.....72
Beans, Field.....20	Creeping Bent.....6	Hollyhock.....64, 70, 80		Snowball, Snowberry...84
Beans, Garden.....31, 32, 33	Cucumber.....42	Honeysuckle.....84		Soy Beans.....21
Beets.....34, 35	Cultivators.....88, 89	House Radish.....55		Speltz.....18
Begonia.....66, 82	Cypress Vine, Cyclamen..68	House Plants.....81, 82, 83		Spinach.....59
Bird Baths.....89	Cypripedium.....79	Humulus.....70		Spirea.....84
Blanket Flower.....66	Dahlia.....69, 76	Hydrangea.....82, 84		Sprayers.....91
Bleeding Heart.....79	Daisy.....68, 80	Inoculation.....5, 33, 53		Squash.....58
Blue Grass, Brome Grass 6	Dehorning Pencil.....91	Insecticides.....93		Strawberries.....87
Bridal Wreath.....84	Delphinium.....63, 70, 80	Iris.....77		Strawflowers.....69
Broccoli.....43	Dianthus, Dolichos...68	Ivy.....84		Sudan Grass.....22
Brooders.....95	Digitalis.....68	Kafir Corn.....20		Sugar Beets.....35
Brussels Sprouts.....43	Dill.....43	Kohl Rabi, Kale.....43		Sunflower.....23, 72
Buckwheat.....18	Dogwood.....85	Kochia.....69		Sweet Clover.....3
Bug Death.....93	Egg Plant, Endive.....43	Larkspur.....64, 70		Sweet Corn.....13, 40, 41
Butterfly Flower.....66	Emmer.....18	Lawn Grass.....7		Sweet Peas.....63, 73
Cabbage.....36, 37	Escholtzia.....64, 67	Lettuce, Leek.....43, 44, 45		Sweet Potatoes.....59
Calendula.....66	Euphorbia.....69	Lilacs.....84		Sweet William.....72
California Poppy.....64, 67	Everlasting Flowers...69	Lilies.....80, 81, 82		Swiss Chard.....35
Calliopis, Candytuft..66	Ferns.....79, 82	Limestone.....92		Syringa.....84
Canary Bird Flower...66	Fertilizers.....92	Lobelia, Lunina.....69		
Cane Seed.....22	Fertilizer Spreaders...88	Mangels.....35		Timothy.....6
Canna.....67, 78	Feterita.....22	Marigold.....70		Tobacco.....58
Canterbury Bells.....67, 80	Flax.....20	Marjoram.....43		Tomato.....60, 61
Caraway.....43	Flower Pots.....90	Marvel of Peru.....69		Tools.....88-91
Cardinal Climber.....67	Forget-Me-Not.....69	Meadow Mixture.....6		Tuberose.....78
Carnation.....67, 82	Four O'clock.....69	Mignonette.....70		Turnip.....62
Carrot.....38	Fox Glove.....68	Millets.....23		
Castor Oil Beans.....67	Freight Rates.....1	Milo Maize.....20		Verbena.....64, 72
Cathedral Bells.....66	Frost Proof Cabbage..37	Moonflower.....70		Vetch.....23
Cauliflower.....39	Fruit Plants.....86, 87	Morning Glory.....70		Vigoro.....92
Celery, Celeriac.....39	Fruit Trees.....85, 86	Mulch Paper.....61		Vines.....84
Celostia.....67	Fuchsia.....83	Muskmelon.....46, 47		Wallflower.....72
Centaurea.....67, 80	Fungicides.....93	Mustard.....43		Watermelon.....48, 49
Cherry Trees.....86	Gaillardia.....69, 80	Nasturtium.....70		Weeders.....88-90
Chick Feed.....94	Garden Tools.....88-90			Wheat.....19
Chicory, Cress.....43				Wheel Hoes.....88, 89
				Zinnia.....64, 73

THESE FLOWER SEEDS FREE WITH EARLY ORDERS



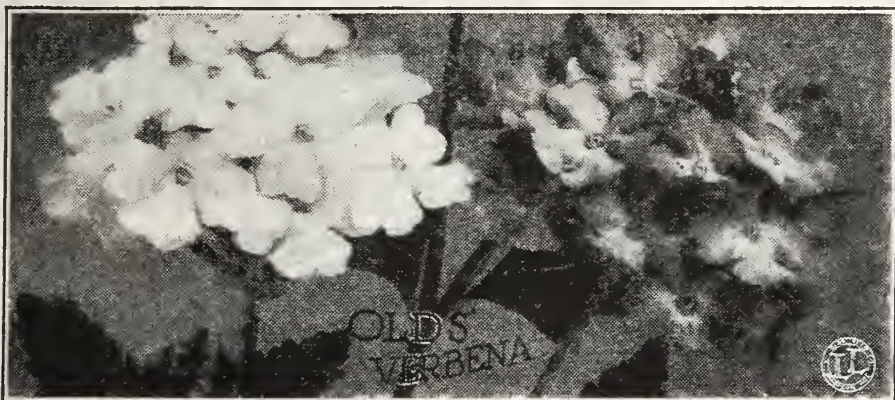
Zinnia, No. 1331. New Crimson Monarch.



Larkspur, No. 1016. La France.



Cosmos, No. 926½. Extra Early Colossal.



Verbena, No. 1305. Olds' Finest Mixed.



Escholtzia, No. 871. Autumn Glory.

The above five easily grown and free flowering annuals we call our "Early Order Flower Seed Collection." This collection consists of five regular packets, total value 65 cents. See flower seed pages of the catalog for descriptions.

OFFER NUMBER 1. On request, with every order reaching us before March 15th, amounting to \$2.00, we will include absolutely free one "Early Order Flower Seed Collection."

OFFER NUMBER 2. On request, with every order reaching us before March 15th, amounting to \$4.00 or more, we will include absolutely free one "Early Order Flower Seed Collection" and also allow you to select 50 cents' worth of flower seeds in packets from our catalog, of your own choice. Just add them to your regular order as "Premium Seeds."

(See reverse side)

BEAUTIFY YOUR HOME

Nothing adds greater beauty to a home than a velvety-green lawn; colorful flowers; luxuriant shrubs; and healthy, full-foliaged trees. To produce and maintain beautiful home surroundings feed everything you grow. Vigoro, the complete, scientifically balanced plant food, contains all the nourishment needed for maximum growth and beauty.

THREE REASONS FOR USING VIGORO

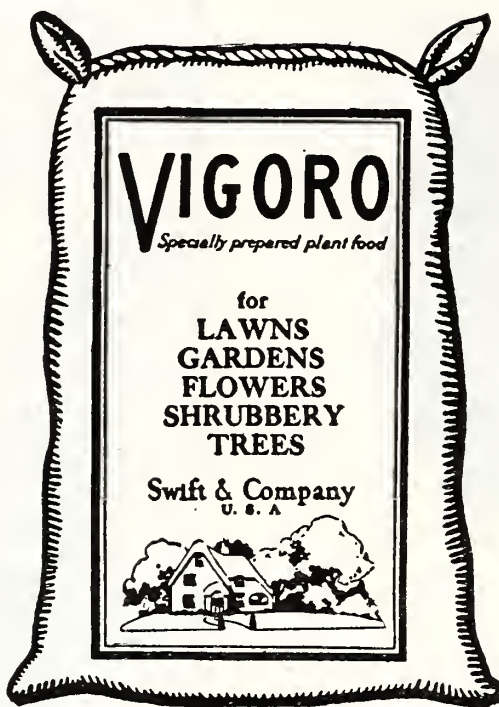
First—It is economical. The cost is only 10 to 20 cents for each 100 square feet.

Second—It is practical. It is clean and odorless and is easy to apply. It can be sown by hand in a small way just like grass seed. For a larger lawn it pays to have a Vigoro Spreader.

Third—It is effective. It contains all the elements necessary for a complete plant food and fertilizer, not only for lawns, but for gardens, flowers, shrubs and trees.

Three Million homes now use Vigoro. Be sure to include some in your order. Full directions for applying in every bag and package.

Prices: 12 oz. pkg., 10c; by mail, 15c; 5-lb. pkg., 50c; by mail, 75c; 25-lb. bag, \$1.75; 50-lb. bag, \$3.00; 100-lb. bag, \$5.00. (See page 92 of the catalog.)



VIGORO SPREADER

A new tool designed especially for applying Vigoro. Note the following points:

First—It is easy to push, even when the hopper is filled to capacity.

Second—It is light and durable and is built to withstand long and hard wear.

Third—It spreads evenly 100 pounds of Vigoro in 15 minutes.

Fourth—There are no troublesome gears, ratchets, or other delicate parts to wear out or get out of adjustment.

Fifth—A baffle plate in the hopper relieves the weight of the material from the agitator. Applies same amount of Vigoro whether hopper is full or only partly full.

Sixth—The feeding control is simple, positive and accurate.

Seventh—The non-clogging, rotating force feed principle insures even agitation and application.

Eighth—The discharge control is plainly marked to indicate setting for 4 lb. and 2 lb. applications of Vigoro per 100 sq. ft.

Ninth—It also applies evenly, seed, sand and salt in the same efficient manner as Vigoro.

Tenth—Hopper is 24 inches wide; made of 24 gauge, rust-resisting galvanized sheet steel.

Eleventh—The follower board under the hopper breaks up flow of material from discharge openings and carries it to within three inches of the ground. This is particularly desirable on a windy day.

Enormous sales of Vigoro Spreaders have already been made although the tool has been on the market only since March of last year. Price, \$12.50.

TREAT ALL VEGETABLE AND FLOWER SEEDS WITH SEMESAN



Sturdy tomato plants on left grown from Semesan-treated seed

The best seed frequently carries harmful disease germs which often result in vegetable crop failures. Seed disinfection with Semesan is a sure means of cleansing the seed of such germs. Easily applied as a dust or liquid. Harmless to seeds and plants. The cost is very slight, only ¼ cent to one cent per pound.



PRICES:

2 oz. tin..\$0.50
1 lb. tin.. 2.75
5 lb. tin..13.00
25 lb. pail..56.25
Not mailable
(See page 47.)



Centurea in outer rows from Semesan-treated seed germinated 86%

The time to stop many flower diseases is before you plant. Disease germs often exist on the seed and decay them or reduce their vitality. Prevent these costly seed-borne diseases by treating your seeds, bulbs, corms, roots and tubers with Semesan before planting. See page 47 of catalog.

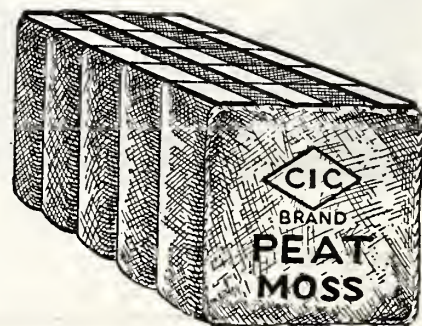
PEAT MOSS

Peat Moss has jumped into prominence during the last year or so and has now become a staple article. Our Peat Moss is imported from Germany, where the best quality moss is found. It is put up in tightly bound bales weighing 130 to 140 pounds each. A bale when opened up will measure about 20 bushels and will cover an area of 360 square feet an inch deep.

Coarse, for Stable Bedding, (also preferred by some for poultry houses). Bale, \$3.20.

Medium, for Poultry Litter. Bale, \$3.25.

Fine, Horticultural, (for improving soils, mulching, lawns, golf courses and seed beds). Bale, \$3.35. (See page 94 of catalog.)



Note Premium Offers for Early Orders on the reverse side of this leaflet. These offers apply to orders for anything in the catalog, Field Seeds as well as Garden Seeds. The offers expire promptly March 15th, 1931.

L. L. OLDS SEED COMPANY, Madison, Wis.



Mugho Pine.

Never an Evergreen Bargain like this!

EVERGREEN COLLECTIONS

Everyone wants Evergreen Trees. Their popularity has increased a hundredfold in recent years. Use them for rockeries, foundation and lawn planting. We offer a whole collection for the usual price of one nursery specimen.

The stock listed in these collections has all been twice transplanted. They are all good sturdy trees, not seedlings but having an average age of five years. The collections are grouped and packed as listed and cannot be altered in any way.

For those who wish single specimens only we are quoting special prices. These prices are for doubly transplanted stock except Savin Juniper which has been transplanted three times. All singly priced trees are balled and burlapped and are larger than those used in the collections. Prices are for delivery by parcel post, prepaid.

We guarantee safe arrival and will make delivery between March 15 and May 1, dependent upon weather conditions. Place your order early so as not to be disappointed.

LAWN COLLECTION (20 Trees) \$5.50

5 White Spruce.....	8 to 10 inches.	(Single tree, 1 to 1½ feet.....	\$1.00)
5 American Arborvitae.....	10 to 12 inches.	(Single tree, 1½ to 2 feet.....	1.00)
5 Douglas Fir.....	8 to 10 inches.	(Single tree, 1½ to 2 feet.....	1.25)
5 Mugho Pine.....	6 to 8 inches.	(Single tree, 10 to 12 inches.....	1.20)

ROCK GARDEN COLLECTION (8 Trees) \$4.25

1 Pfitzer Juniper.....	8 to 10 inches.	(Single tree, 1 to 1½ feet.....	\$1.70)
1 Savin Juniper.....	8 to 10 inches.	(Single tree, 1 to 1½ feet.....	2.75)
1 Mugho Pine.....	6 to 8 inches.	(Single tree, 10 to 12 inches.....	1.20)
1 Woodward Arborvitae.....	10 to 12 inches.	(Single tree, 10 to 12 inches.....	1.25)
1 Douglas Fir.....	10 to 12 inches.	(Single tree, 1½ to 2 feet.....	1.25)
1 Pyramidal Arborvitae.....	10 to 12 inches.	(Single tree, 1½ to 2 feet.....	1.75)
1 White Spruce.....	10 to 12 inches.	(Single tree, 1 to 1½ feet.....	1.00)
1 American Arborvitae.....	10 to 12 inches.	(Single tree, 1½ to 2 feet.....	1.00)

FOUNDATION COLLECTION (6 Trees) \$7.25

2 Pfitzer Juniper.....	10 to 12 inches.	(Single tree, 1 to 1½ feet.....	\$1.70)
2 Mugho Pine.....	10 to 12 inches.	(Single tree, 10 to 12 inches.....	1.20)
2 Pyramidal Arborvitae.....	12 to 18 inches.	(Single tree, 1½ to 2 feet.....	1.75)

OLDS' FLOWER SEED COLLECTIONS

OLDS' ANNUAL FLOWER GARDEN

12 PKTS. FOR 50c, POSTPAID

This collection is composed of one full-sized packet of each of the following easily grown and free flowering annuals. Will furnish flowers from early summer until late fall.

Alyssum, Little Gem.
Snapdragon, Giant Fragrant.
Bachelors Button, Mixed.
Balsam, Olds' Camellia Mixed.
Calendula, Double Mixed.
Calliopsis, Fine Mixed.
Celosia, (Coxcomb) Ostrich Plume.
Cosmos, Extra Early Colossal Mixed.
Dianthus, Mixed.
Four O'Clock, Fine Mixed.
Marigold, Mixed Dwarf French.
Poppy, Olds' Finest Mixed.

OLDS' AMAZEMENT FLOWER GARDEN MIXED

½ OZ. PKT., 15c; 1 OZ. PKT., 25c, POSTPAID

This mixture is made up of many attractive and easily grown annuals. Some of the varieties are standard favorites, while many are little known but wonderful flowers. Our "Amazement Garden" will please you with a succession of bloom from early spring until late fall.

OLDS' STRAW FLOWER GARDEN

9 PKTS. FOR 60c, POSTPAID

Straw Flowers for winter decoration are becoming more and more in favor each year. A few bouquets placed around the home add sunshine to the long, dreary winter months. Our special collection contains one full-sized packet of each of the following:

Everlasting, H. A., Helichrysum Mixed.
Everlasting, H. P., (Sea Lavender) Statice.
Everlasting, H. P., Statice Latifolia.
Everlasting, H. A., Acroclinium Mixed.
Everlasting, H. A., Statice Sinuata.
Gypsophila, H. A., (Baby's Breath) Elegans.
Gomphrena, H. A., Best Mixed, (Globe Amaranth).
Lunaria, H. A., (Silver Dollar Plant).
Olds' Everlasting Aster.



White Spruce.



American Arborvitae.

OLDS' ROCK GARDEN COLLECTION

21 HARDY VARIETIES SUFFICIENT TO COVER 25 SQUARE FEET, \$4.75, POSTPAID

Selected to Provide Flowers from Spring to Fall

An up-to-date flower garden is no longer complete without a Rock Garden planting. Most Rock Gardens must be designed according to the location available. For this reason it is necessary for a person to experiment and arrange his rockery to best suit his particular need. We recommend making a small planting which can be increased and arranged more elaborately in years to come. Olds' Rock Garden Collection, at a special price of \$4.75, makes a very fine collection to start with. We are listing names, colors and heights as a help in planning the arrangement. Keep the tall growing varieties in the background and give the entire garden plenty of sunlight and good drainage.

Name and Color.	Height
Alyssum, Saxatile Compactum. Golden.....	9 to 12 inches
Campanula, Carpatica. Blue and white.....	9 inches
Arabis, Alpina. White.....	6 inches
Artemesia, Frigida. Silver.....	12 inches
Dianthus, Deltoides. Rose.....	6 inches
Dianthus, Caesius. Pink.....	6 inches
Gypsophila, Repens. White.....	Trailing
Festuca, Glaucia. Blue green.....	Bunch grass
Nepeta, Mussini. Lavender.....	12 inches
Phlox, Subulata. Pink.....	10 inches
Saponaria, Ocymoides. Pink.....	4 inches
Sedum, Album. White.....	Trailing
Sedum, Ewersii. Rose.....	6 inches
Sedum, Kamschaticum. Yellow.....	6 inches
Sedum, Stoloniferum. Dark rose.....	Trailing
Sedum, Forsterianum. Yellow.....	6 inches
Stachys, Lanata. White foliage.....	14 inches
Thymus, Serpyllum. Pink.....	Trailing
Tunica, Saxifraga. Pink.....	5 inches
Veronica, Royal Blue. Blue.....	12 inches
Viola, Lutea. Yellow.....	6 inches

OLDS' BARGAIN DAHLIA COLLECTION.

4 CHOICE BULBS FOR 67c, POSTPAID.

We offer one each of the four varieties of Dahlias named below, properly packed and labeled for 67c, postpaid. These are all large, clean bulbs guaranteed to bloom.

SYLVIA. Beautiful pink.
SOUVENIR DE GUSTAVE DOAZON. Mammoth orange red.
ARABELLA. Pale yellow.
MAUD ADAMS. White overlaid with pink.

BEANS

PEAS

CORN

PEAS

BEANS

BEET

RADISH

BEET

CABBAGE

OLDS'

Dollar Collection

30 Pkts. Wisconsin Standards
Worth \$2⁴⁵; Price \$1⁰⁰, Postpaid

We have offered this same collection every year for 10 years. This is the 11th year. Thousands of customers buy it yearly. The seed is from our regular high-quality strains and the packets are full size, the same as offered in our catalog.

BEANS, Stringless Green Pod (15)	.....\$0.10
BEANS, Olds' Pencil Pod Black Wax (24)	.... .10
BEET, Olds' Improved Early Blood Turnip (41)	.... .07
BEET, Crosby's Egyptian (51)	..... .07
CABBAGE, Olds' Early Jersey Wakefield (70)	.... .10
CARROT, Oxheart (103)	..... .07
CUCUMBER, Olds' Early Fortune (160 1/2)	.... .07
CUCUMBER, Olds' Select White Spine (164)	.... .07
LETTUCE, Grand Rapids (215)	..... .07
LETTUCE, Olds' Wayahead (232)	..... .07
MUSKMELON, Olds' Select Osage (239)	..... .07
ONION, Olds' Yellow Globe Danvers (285)	.... .10
ONION, Olds' Ex. Lge. Red Wethersfield (287)	.... .10
ONION, Southport White Globe (292)	..... .10
PARSLEY, Champion Moss Curled (305)	..... .07
PARSNIP, Olds' Improved Guernsey (310)	.... .07
PEAS, Olds' Best Extra Early (320 1/2)	.... .10
PEAS, Olds' English Wonder (333)	..... .10
PEPPER, Ruby King (350)	..... .10
PUMPKIN, Quaker Pie (361)	..... .07
RADISH, White Icicle (385)	..... .07
RADISH, Olds' Imp. French Breakfast (373)	.... .07
RADISH, Olds' Crimson Giant (376)	..... .07
SPINACH, Bloomsdale (402)	..... .07
SQUASH, True Hubbard (411)	..... .07
SWEET CORN, Golden Bantam (142)	.... .10
SWEET CORN, Olds' Early Evergreen (145)	.... .10
TOMATO, Spark's Earliana (425)	..... .10
TURNIP, Olds' Purple Top White Globe (465)	.... .06
WATERMELON, Kleckley's Sweet (270)	.... .07

Total Value\$2.45

SPECIAL PRICE, \$1.00, POSTPAID.

This Collection cannot be altered.

CARROT

LETTUCE

PARSLEY

ONION

PARSNIP

CUCUMBER

TOMATO

ONION

TURNIP

SPINACH

LETTUCE

SQUASH

RADISH

WATERMELON

CORN

RADISH

MUSKMELON

PUMPKIN

CUCUMBER

ONION

PEPPER